





## NEWS: EUROPE

# Russian oil quotas spark controversy

By John Lloyd and John Thornhill in Moscow

The Russian government is to carve up the domestic oil market among Russian oil companies, requiring each to supply a certain percentage of the market.

International financial institutions say the move breaches the spirit of the agreements between them and the government and jeopardises the future of crucial negotiations over big loans to stabilise the economy next year.

The decision, communicated at the weekend by Mr Victor Chernomyrdin, the prime minister, to his deputy premiers, would allow the Russian companies to export the surplus after fulfilling their domestic quotas.

In liberal terms this would lift export quotas, a pledge made by President Boris Yeltsin in July. However, the replacement of export by domestic quotas would mean that the oil price would be kept to around its present low level of 20-30 per cent of world prices. This would in turn preserve a structure which gives rise to extensive illegal export of oil, with huge profits being made from the difference in domestic and world prices.

It also reintroduces into a relatively free, if chaotic, domestic market Soviet-era controls on supply - justified by the strategic importance of the product.

Both Russian and international financial officials, speaking on terms of anonymity, expressed disappointment over the decision yesterday. It means that a \$600m (£368m) oil rehabilitation loan negotiated with the World Bank will not now go through. What is more serious, negotiations between a team of officials from the International Monetary Fund and the government on loans of up to \$150m meant to support the 1995 budget and stabilise the currency in the coming year will restart today under a cloud.

"If this decision, which does not require a special decree or agreement from the parliament, cannot go through," said one official, "then what chance is there for real agreement on much more difficult issues which do require such decisions?"

According to Russian reformers, senior ministers fear that the simple lifting of export quotas will cause the oil price to shoot up towards world levels, producing high inflation and social unrest - and that so much oil will be exported there

## Moscow troops in office raid

Russia's most prominent private businessman accused President Boris Yeltsin's personal guards at the weekend of being involved in a bizarre raid on his company's offices on Friday night. John Thornhill writes from Moscow.

A large detachment of heavily-armed troops, wearing camouflage uniforms and balaclavas, surrounded the offices of Mr Vladimir Gusinsky's Most group, refusing to identify themselves. They took away several Most security guards and drivers in unmarked cars.

No official reason was given but the Itar-Tass news agency, quoting "authoritative sources", suggested its aim was to confiscate documents relating to Most Bank's alleged involvement in the ruble crash of October 11.

The president's press secretary said Mr Yeltsin had launched an investigation into the raid but would not confirm whether his guards had been involved.

will be serious shortages in the coming winter. The reformers believe that a combination of export tariffs and lack of pipeline capacity would keep a check on prices, though they accept that prices will, and should, rise significantly.

However, both the international officials and the reformers believe the government decision was taken in very large part because of heavy pressure from the oil lobby, which managers benefit hugely from the price differential. A Russian financier said, "The system benefits almost everyone involved - except a few reformers who believe in a free market."

The decision will also benefit the foreign oil companies which have joint ventures in Russia. They had been told that, were quotas to end, they would be replaced by a system in which exports were based on what percentage of total domestic production their output represented, threatening a huge drop in their earnings, most of which come from the agreed export of 100 per cent of production.

Russia produces roughly 300m tonnes of oil a year and exports around 100m tonnes, a level which has stayed relatively stable even as production continues to drop heavily, reflecting lack of investment in new fields.

# Germans and British hold similar views on European Union

## □ One third support local council power □ Both countries find US most reliable ally □ Single currency widely opposed

By David Marsh

In the Euro-enthusiasm rankings, Britain and Germany usually appear at different ends of the league table. Germany traditionally embodies a commitment to deepening and widening European integration, while Britain is well known for its scepticism.

The customary view of the breadth of the Euro-gulf between the two countries was put baldly by a German minister earlier this year: "We want a united Europe. All you [the British] want is a free trade zone."

In fact, as one of the most comprehensive polls ever undertaken on the subject shows, the views of the British and German electorates on the future of Europe are closer than such statements suggest. Although Germans are much happier with the present position of their country and their regions within the European Union, they are even more sceptical than the British about intensifying political and monetary ties with existing EU partners. They have also grown reluctant about widening the EU towards the east.

There is a similar desire in both countries for decisions to be taken as much as possible at the local level. In line with the principle of subsidiarity that the EU has been trying to foster, a third of respondents in Britain and Germany say decisions affecting ordinary people should be carried out by local government or councils. However, this wish is much more difficult to put into practice in Britain because of the weakness of local and regional governments.

Both countries think the US is more reliable than their European partners, with two-fifths of respondents naming Washington as their nation's strongest ally. The Germans view France far more favourably than Britain. More surprisingly, a relatively large percentage of Britons above the age of 50 - some 8 per cent - sees Germany as Britain's strongest ally. Eastern Germans show above-average reliance on the US and are even less inclined than west Germans to point to Russia as an ally.

In attitudes towards Europe, there are large disparities according to age, social background and region in both Britain and Germany. Broadly speaking, in both countries young higher-income males are most in favour of EU membership, while women take a more sceptical line. Conservative voters in Germany are more positive about the EU than those on the left, while in Britain Labour supporters are



## What Britons and Germans think of Europe

Further information: Details available from Brian Gosschick, MCR, Tel (London) 71-925 5255, Fax 71-925 5070.

Is your region better or worse off as a result of your country's membership of the European Union?

Worse off Better off Unchanged

Is your country's membership of the European Union a good or bad thing?

Good thing Bad thing Neither good nor bad

Who makes most of the key decisions affecting ordinary people in the EU?

Local government/councils National MPs National ministers MEPs European Commissioners

Should your country hold a referendum on whether the EU should introduce a single currency?

Support Oppose Don't know

If there was a referendum on a single currency, how would you vote?

Support Oppose Don't know

What should be the name of the future European currency?

Eu Europond Pound Eurodollar Euroznak Deutsche Mark Eurozapo

Which is your country's most reliable ally?

US Germany France Italy Russia Poland

Should the European Parliament be given greater powers to control the European Commission?

Support Oppose

Should the EU expand in the next five years to include countries such as Poland, Hungary, Czech republic and Slovakia?

Support Oppose

Where is the HQ of the European Commission?

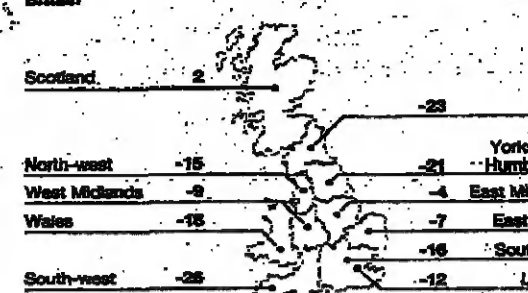
Brussels Strasbourg Luxembourg London Paris Berlin

How many visits have you made to Germany or Britain in the last year?

None One Two Three Four Five or more

Which regions say they are better or worse off as a result of EU membership

Numbers indicate difference between "better off" and "worse off"



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Notes: All figures are in per cent. An asterisk indicates a figure less than 0.5 per cent but greater than 0. Figures may not add to 100 per cent because "don't know" are not listed in all cases.

Source: Britain: 1,518 interviews carried out November 17-21 by MORF. Germany: 2,455 interviews carried out October 31 - November 13 by Emnid.

slightly more inclined to call EU membership "a good thing".

Younger British people are much more in favour of increasing powers for the European parliament and building up EU political ties than are older voters. The generation gap on such points is less marked in Germany. In Britain many more older people than younger ones say their region is worse off as a result of the EU, while in Germany, the opposite is true: older people are more favourable to membership than those under 30.

Support for the EU as a possible name for a future European currency is strongest among higher-income voters with better educational backgrounds in both Germany and Britain.

Britons are much more gloomy than Germans on the present economic impact of the EU. Although support for EU membership has declined sig-

nificantly in both countries during the past few years, it has descended in Germany from a much higher base. In Britain, only one region - Scotland - out of 11 maintains, on balance, that it has benefited from EU membership. By contrast, in Germany six of the 10 regions say they are "better off" as the result of the EU.

In Germany, Rhineland-Palatinate, North Rhine-Westphalia, Hamburg and Berlin are most enthusiastic about regional benefits. Overall support for the EU is only slightly greater in western Germany than in the east, a sign that increases in Brussels funding for east Germany may be starting to improve pro-EU sentiment in the east.

Some of the most negative attitudes on the EU's regional impact are found in areas of high unemployment such as Yorkshire and northern England, and Brandenburg and

Mecklenburg-Vorpommern. However, relatively prosperous southern regions in both countries - London and south-east England, and Bavaria and Baden-Württemberg - also show negative reactions.

There is a sharp contrast between Britain and Germany over the European parliament, with half of Britons opposed to giving it new powers to control the Commission, compared with only 12 per cent in Germany. On fundamental questions of the EU's future structure, however, the two countries are closer. Opposition to a single currency, a strong desire for a referendum on the issue, and lukewarm views on political union are far forward consistently by all categories of respondents in different regions in the two countries.

Lowest support for a single currency comes from southern regions of both Britain and Germany, with eastern Ger-

many more reluctant than the west. Strongest support for a referendum comes from the state of Hesse - the home of the German Bundesbank.

German eagerness to forge closer links with eastern Europe may be cooling as a result of economic pressure. East German states are only slightly more keen on enlarging the EU eastwards than the generally sceptical west Germans; in previous opinion polls the east Germans had been much more in favour.

Supporters of the Christian Democratic Union are least enthusiastic about enlargement. The German states with the strongest desire for enlargement - Rhineland-Palatinate and Saarland, close to the French border - are furthest away from the east. In Britain, Scotland and south-west England are most in favour of eastward enlargement, with other southern areas much less keen.

When scores are combined on a range of issues linking feelings about the EU's present impact to views about its future, Rhineland-Palatinate has by far the highest "Euro-comfort" index of the two countries. Only one British region - Scotland - has a positive score, compared with nine in Germany.

The population in the new-comer east German states seems much less ignorant about the EU than much of Britain. In Brandenburg an above-average 57 per cent answered correctly that Brussels is the site of the European Commission.

The east Midlands takes the prize as the worst-informed region, with only 38 per cent of respondents replying correctly. The most knowledgeable areas seem to be North Rhine-Westphalia and south-west England, where 64 per cent of respondents correctly identified Brussels.

## INTERNATIONAL PRESS REVIEW

# The Reykjavik-Oslo-Vaduz-Berne axis

## SWITZERLAND

By Ian Rodger

Switzerland is not known for its lively political life.

But in recent years, two issues - European integration and the problems associated with drug addiction - have achieved an extraordinarily long life.

The referendum in Sweden and Norway on joining the EU sparked a fresh round of reflection in Switzerland over the country's decision in a referendum in December 1992 to eschew participating in European integration.

And a national referendum yesterday on a law that would make it easier for police to detain immigrant drug dealers brought out again the widespread indignation over Zurich

city's drug scene.

It has come as an unpleasant surprise to the Swiss to discover that they are so divided over these issues that they are willing to debate them in public. It has long been a matter of firm belief in this multicultural country that civil harmony is best achieved through compromise arrived at discreetly behind closed doors.

The Swiss media are equally steeped in the tradition of seeking a middle way rather than asserting radical points of view. No mainstream Swiss newspaper or magazine, for example, can see any alternative to joining the European Union. The only difference between them is in the degree of wit employed in condemning their country for what they see as its foolishness.

The decision by Norwegians to stay outside the EU provided considerable scope. Anti-EU Swiss politicians had wasted no time in asserting that the decision meant the European Free Trade Association (EFTA), with Norway, Switzerland, Iceland and Liechtenstein as remaining members, could still have a viable future.

Richard Diethelm in Zurich's Tages Anzeiger responded sar-

donically: "An Efta menu reduced to fondue and fish is too indigestible to have any expectation of being a permanent part of the Swiss diet."

Jacques Pilet in Geneva's *Nouvelles Quotidiennes* was more indignant. "It is not serious to claim that a Reykjavik-Oslo-Vaduz-Berne axis will enable us to defend our interests effectively in the European Union," he said.

Another element of the European issue has reappeared because last month the European Commission finally agreed to discuss six issues bilaterally with Switzerland. In the wake of the anti-EFTA vote two years ago, the Swiss set out to negotiate urgent matters, such as landing rights in EU countries for Swissair. But Brussels has been in no hurry to reward the Swiss for refusing to join the club.

The *Neue Zürcher Zeitung*, which has had more reservations about integration than most, warned its readers to expect the worst: "Certainly, there is at the moment no alternative to bilateralism for Switzerland. But let no one be deceived. This is not the same as an active, comprehensive integration policy, but only a

## POLITIQUE DE L'AUTRICHE

From l'Hebdo magazine: Switzerland, not Austria, is the ostrich



damage limitation policy."

Zurich's notorious open drug scene has also divided the Swiss to an extent and in ways rarely seen before. Yesterday's referendum backed increased police powers of search, arrest and detention when dealing with asylum seekers.

Again, the range of opinion on this issue has been relatively narrow, with the only unqualified criticism coming from commentators in the French-speaking part of the

## POLITIQUE DE LA SUISSE

country. They resent Switzerland's human rights record being tarnished because the Zurich city government's experiment with a liberal drug policy ran out of control.

Jacques-Simon Eggly in the *Journal de Genève* wrote last week: "If it passes, I hope at least that the judges retain in their minds the troubled consciences of those who, however attached they are to security and the struggles against crime and drugs, fought it."

# Berlusconi's fans rally in cities

By Andrew Hill in Milan

Tens of thousands of supporters of Mr Silvio Berlusconi, the Italian prime minister, took to the streets of Italy's largest cities over the weekend, as anti-corruption magistrates kept up the pressure on his business associates.

"This is a demonstration in support of Berlusconi, a man who has saved the country," Mr Cesare Previti, defence min-

ister and a close friend of Mr Berlusconi, told a rally of more than 30,000 supporters in Rome yesterday.

The rallies were co-ordinated by the local "clubs" of Forza Italia, the political movement founded by Mr Berlusconi this year. They were prompted by Milan magistrates' decision two weeks ago to invite him in for questioning about alleged bribery of tax police by his Fininvest business empire. Yester-

day, Mr Jas Gawronski, the prime minister's spokesman, said Mr Berlusconi would be unable to meet the magistrates before December 13 because of international commitments.

The delay will give Mr Berlusconi more time to build on the goodwill generated last week when trade unions cancelled a general strike after concessions on the 1995 budget and pensions reform.

The Northern League, the

most volatile of Mr Berlusconi's government allies, was not involved in the rallies and was attacked by many demonstrators for not backing him wholeheartedly. The results of a second round of mayoral elections yesterday could see Forza Italia punished for its uncomfortable alliance with the League in northern cities such as Brescia and Sondrio, where its candidates were lagging after the first round.

# Machine tool makers urge subsidy for workers laid off

By Andrew Baxter

Europe's machine tool makers want the European Commission to introduce a scheme that would allow them to keep skilled workers on the payroll in recessions and re-employ them when recovery starts.

The plea follows the worst recession in the history of Europe's machine tool industry, which accounts for 41 per cent of world production. Employment in Europe has dropped from 200,000 in 1990 to 132,000 this year.

At a meeting last week with Mr Alexander Schaub, deputy director of the commission's industry affairs directorate, the European machine tool makers' body Cefime asked for a scheme similar to one introduced recently in Japan. Under this, the Japanese government pays up to three-quarters of the wages of workers when a company is obliged to cease production temporarily. The subsidy can last for up to one year.

Mr Pierluigi Stroppariva, president of Brussels-based Cefime, said in a recession the industry was forced to shed highly-skilled workers - needed to develop and sell sophisticated machinery.

"Later, you need them back, but the workers have most probably found a job elsewhere," he said. "So you have to wait two or three years before you can train someone else to the same level." The plea is one of a number of proposals from Cefime, which has 12 member countries in western Europe. They complement a recent commission communication on strengthening competitiveness in the European mechanical engineering industry, which was presented to industry ministers last month.

Among other proposals from Cefime are a research and

development programme for manufacturing technology that would combine the relevant projects in the European Union-backed Esprit and Brite/Euram programmes. Cefime says this would be easier for machine tool producers, which are mainly small and medium-sized enterprises, to enter.

Cefime described last week's talks as the most positive it had had with the Commission, which will discuss the communication in January with man-

ber states and the mechanical engineering industry.

Cefime hopes that, under the French presidency in the first half of next year, the communication could become a resolution adopted by industry ministers. Meanwhile, it says production and consumption of machine tools in Europe has stabilised this year after falls of 19 per cent and 30 per cent respectively last year, but prices and profitability were still under pressure.

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## Leaders aim to upgrade CSCE role

Bruce Clark on debate beginning today over a new security order

The leaders of more than 50 nations gathered in Budapest today for an ambitious effort to work out a new security order for Europe and the former Soviet republics, aimed at reducing the danger of further conflicts such as Bosnia.

The idea of upgrading the Conference on Security and Co-operation in Europe has some powerful supporters, including US President Bill Clinton, Russian President Boris Yeltsin and German Chancellor Helmut Kohl.

While Germany and Russia are long-standing proponents of a stronger CSCE, the US has weighed in more recently with its own proposals to make the institution a more effective instrument for preventive diplomacy and arms control.

The CSCE comprises the US, Canada, and almost every country in Europe and the former Soviet Union. It was born nearly 20 years ago as a playing field for cold war diplomacy, in which the Soviet Union promoted respect for existing borders, while western countries advanced the principle of human rights and free speech.

A document circulated two weeks ago by the US calls for the CSCE to "assume a central role in the promotion of a common European security space." But a shadow has been cast over the summit by the grave problems that arose last week in the other international institutions that are supposed to be dealing with security in Europe: the United Nations, Nato and the "contact group" on Bosnia.

**The US wants stronger 'early warning' mechanisms on potential conflicts**

With the US, Russia and the main west European powers barely able to conceal their differences over Bosnia and the future of Nato, diplomats say they will be hard pressed to bring any real credibility to the more ambitious project of an upgraded CSCE.

An important product of the CSCE process was the treaty on Conventional Forces in Europe (CFE), a giant exercise in non-nuclear disarmament whose terms Russia now wants to revise. But the CSCE's commitment to border security was unable to prevent the disintegration from within of three of its founder members: the Soviet Union, Yugoslavia and the Czechoslovakia.

The CSCE's human rights inspectorate has worked well in places such as the Baltic states and Albania which were keen to co-operate because they felt they were being unfairly accused of ill-treating minorities.

Yet the break-up of the Soviet Union has left the CSCE with a number of member states - particularly on the southern flank of the Commonwealth of Independent States, a group of 12 former Soviet republics which Russia increasingly dominates - which make no pretence of observing western norms on human rights.

Western countries have balked at any suggestion of downgrading Nato, but the US

Ukraine will formally renounce its nuclear status today, ending a long-running row over the former Soviet nuclear arsenal and opening the way for the delayed implementation of superpower arms cuts. Reuter reports from Budapest.

President Leonid Kuchma said yesterday he had come to the European security summit in Budapest ready to sign the nuclear Non-Proliferation Treaty (NPT) provided he gets the guarantees he wants for Ukraine's protection.

US President Bill Clinton is scheduled to preside over a signing ceremony with President Kuchma on the margins of the Conference on Security and Co-operation in Europe summit today. The deal opens the way for long-delayed implementation of old Cold War era superpower arms cuts under the Start-I treaty.

Of the three other former Soviet republics which inherited nuclear weapons, Russia renounced a nuclear power while Belarus and Kazakhstan have already given them up.

has recently spelt out a compromise position: the CSCE should be boosted, without watering down the Atlantic alliance in any way.

Both the US and Hungary, which is hosting today's meeting, have suggested going halfway to meet Russian aspirations for a stronger CSCE would help to blunt Moscow's objections to the enlargement of Nato. However, the tough position adopted by Russia at a meeting of Nato foreign ministers in Brussels last week suggests that Moscow will not be bought off easily.

Mr Andrei Kozyrev, the Russian foreign minister, refused at the last moment to approve a Russia-Nato co-operation programme, in protest at Nato's newly adopted plans for faster enlargement.

This came after the US, in the hope of assuaging Moscow, had persuaded its 15 allies in Nato to support the proposals for a stronger CSCE.

The US now supports the German idea that CSCE members should refer any conflicts to the CSCE as a "halfway house" before resorting to the UN.

Washington also wants the CSCE to develop stronger "early warning" mechanisms which could give notice of potential conflicts and help to defuse them.

A big test of the CSCE will be the fate of its long-standing effort to set up a peace-keeping force in Nagorno-Karabakh, an Armenian-populated enclave of Azerbaijan where tens of thousands have died in fighting since 1988.

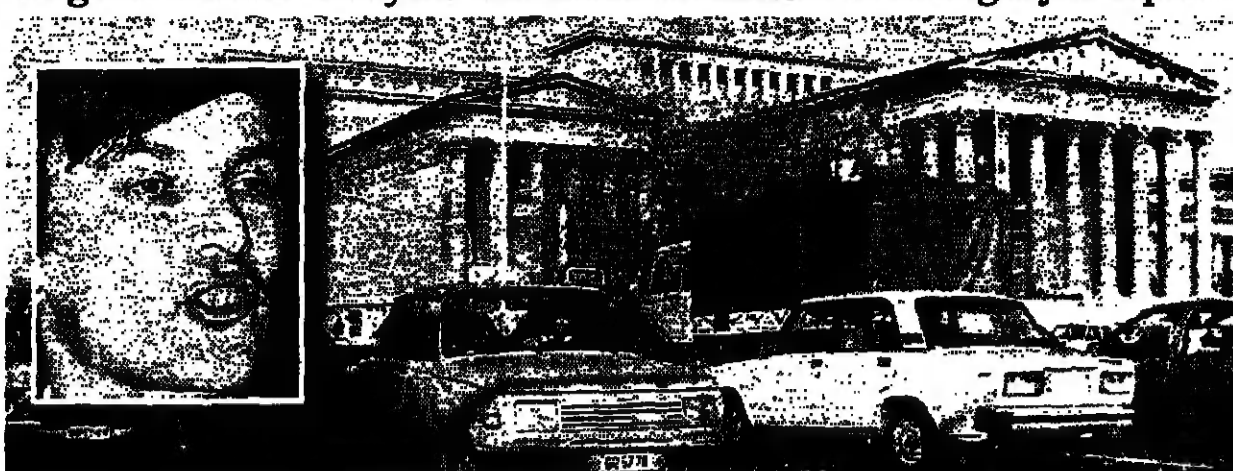
Moscow wants any peace-keeping force to be mainly Russian, while Azerbaijan has been pressing, with western support, for a multinational effort.

Russia's insistence on as free as possible a hand for its "peace-keeping" activities has fuelled western fears that Moscow simply wants to use the CSCE to license its military presence in the southern republics of the CIS.

Georgian President Eduard Shevardnadze has postponed his departure for Budapest because one of the most prominent campaigners for the republic's independence, Mr Georgy Chanturia, was assassinated over the weekend. His associates blamed "imperialist forces".

## Budapest mayor savours political spotlight

Virginia Marsh analyses the transformation of Hungary's capital



City traffic, Budapest-style, and (inset) Mayor Gabor Demszky, who was once driving taxis under the old communist regime

he became one of the country's most prominent - and persecuted - dissidents.

Now consistently rated as one of Hungary's most popular leaders, the 43-year-old mayor looks set to be re-elected for another four years in next Sunday's local elections. "I was the organiser behind the underground movement" he said.

A doctor of law, Mr Demszky drove taxis when he was not allowed to practise as a lawyer because he had a police record for organising a political demonstration at university in the days of the Soviet domination of eastern Europe.

Later, as a founder and leader of Hungary's underground publishing movement,

2m inhabitants as the country moved towards a market economy. His electorate includes both the newly rich entrepreneurial classes who live in mansions perched high above the Danube in the hills of Buda as well as slum-dwellers living on the other side of the river in Pest whose flat suburbs stretch for miles towards the puszta, the Great Plains.

"It's incredible how rich some people have become in the last five years," he said.

"You just have to count the cars coming across the bridges from Buda in the morning. There are more Mercedes 600s in this town than in Vienna."

There are also more Trabants. The rattling and spluttering two stroke vehicles, made in the former East Germany, account for a fifth of the city's 550,000 cars. The mayor, a dedicated environmentalist, plans to change this. His city council is offering up to three years of bus passes for those willing to consign their Trabants to a scrap heap. Last year, more than 2,000 Trabants were obliged.

The collapse of heavy industry in the last five years and a shift to trade and commerce, Budapest's traditional mainstays, have also helped cut pollution that has blackened the

scapes of the capital's otherwise elegant boulevards.

The mayor estimates the number employed in the financial services sector will more than double to 200,000 in three years, leaving few employed in heavy industry.

Many new jobs are being created by multinational companies using Budapest as a base for expansion into eastern Europe.

"Vienna was the regional base for many companies in the communist era but we're the last frontier to eastern markets now," he says.

Rivalry with Vienna, some 300km up the Danube, is nothing new. Much of the city was built in Hungary's golden era after the country was freed from direct Austrian rule in 1867. Hungary's new kings combined the ancient cities of Obuda, Buda and Pest to form Budapest in 1872 and, in the years up to the First World War, set about creating a city to rival the Austrian capital, according to Mr Andras Vigh, historian at the City Museum.

"Many of the city's greatest landmarks - the tower on the Matthias church, St Stephen's Basilica and the parliament - were built during this time when a main aim was to be able to compare Budapest with Vienna and compete with the Austrians," he said.

These days, however, Mr Demszky prefers to compare modern Budapest with New York which he chose as the capital's twin city. He said the two cities shared the same cosmopolitan, fast-moving atmosphere: "It's not surprising New York was built by emigrants from this country and this [Austro-Hungarian] monarchy," he said.

"You feel the same central European and Jewish culture and see the same architecture as you do in Budapest. The city has its own engine, its own lines of development."

"This will push it forward," he said, "regardless of what happens elsewhere in the country."

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## NEWS: INTERNATIONAL

# Clinton backs Salinas as WTO chief

By Nancy Dunne  
in Washington

With his battle over Congressional approval of the World Trade Organisation behind him, President Bill Clinton has issued his first public statement in support of former Mexican President Carlos Salinas as head of the new WTO. This signals that the US will press strongly Mr Salinas' candidacy despite the threat of a divisive fight over the WTO leadership.

The president waited one day after the passage of Gatt in Congress before issuing a statement noting that "President Salinas is the only candidate for director who has served as a head of state. He would bring... a wealth of experience and important insights from the perspective of a developing country."

Mr Renato Ruggiero, the former Italian trade minister, has

been leading in the race while Mr Salinas was serving out his presidency - which ended last week - and Mr Clinton was focused on getting the world trade pact through Congress. The former Italian trade minister claims the support of African, Caribbean and Pacific groups, the North Africans and many Middle East countries.

While there was little controversy about trade liberalisation in the US debate over the Uruguay Round, the creation of a WTO became the subject of fear and suspicion. The opposition portrayed it as a supranational body ready to enslave US environmental, health and food safety laws. It was not the time publicly to press the candidacy of Mr Salinas, a widely admired leader US officials believe would bring stature to the new trade body.

The next step by the pro-Salinas forces will be to seek an endorsement from the nations



Salinas: threat of divisive fight

of the western hemisphere at this week's Miami Summit of the Americas. India will be sounded out for support, and the Asians, now supporting the third candidate - Mr Kim Chul Su, South Korean trade minister - will be urged to back Mr Salinas as a second choice.

There was hope in Geneva, where Mr Ruggiero is popular, that a new leader could be agreed at a meeting of trade diplomats on Thursday. But now the whole issue is likely to be remitted to another meeting just before Christmas. The EU contends that with Mr Ruggiero the clear favourite, Mr Salinas and Mr Kim should concede defeat and bow out. Editorial Comment, Page 13

## Irritation over Washington's trade demands

# China attacks US as 'obstacle' to Gatt entry

By Tony Walker in Beijing

China renewed its trenchant attack on Washington at the weekend citing the US as the "main obstacle" to its entry to the General Agreement on Tariffs and Trade and accusing it of engaging in a "political, economic and psychological game".

Mr Yu Peiwai of the Ministry of Foreign Trade and Economic Co-operation accused the US of using Gatt to "pry open" China's financial, insurance, telecommunications, transport and other service markets for its own companies.

"Areas the US wants most from China are those in which American businesses have the strongest advantage, such as car and aircraft industries as well as trade in services," Mr Yu said in an interview with the official Business Weekly newspaper.

Mr Yu's remarks, which are similar in tone to an increasingly irritable Chinese position

on the US and Gatt, come on the eve of the resumption of Geneva talks between Chinese and American negotiators. The Chinese official claimed that US efforts to stall China's entry to Gatt were motivated by fear that a "rapidly growing Chinese economy would enable China to join hands with developing countries to threaten the US dominant status in the world economy."

Beijing has been pressing hard to rejoin the Gatt and thus become a founder-member of its successor World Trade Organisation which is due to be inaugurated at the beginning of 1995. But continuing argument over tariff reductions and market access issues is holding up China's application.

US negotiators are pressing China hard to improve its offer of phased tariff reductions and market access to the agricultural, non-agricultural and services sectors. China argues that as a developing country it risks widespread economic dis-

ruption if it complies with US demands.

In Geneva last week, Mr Long Yongtu, China's chief negotiator, set the end of this year as the deadline for "substantive negotiations" on its Gatt entry. China withdrew from the trading accord in 1960, the year after the communists came to power.

Mr Long said after talks with Mr Peter Sutherland, Gatt secretary general, that China would not make any new, substantive offers in negotiations on the Gatt protocol. China would also not "on its own initiative" seek bilateral negotiations with Gatt contracting parties and meetings of the working party after the end-of-year deadline.

The European Union, which has adopted a more conciliatory posture than the American "hard line", has suggested that China be accorded "founder-member" status of the WTO pending completion of negotiation of its protocol for entry.

## INTERNATIONAL NEWS DIGEST

# World car sales record in sight

World new car sales will set a record in 1995 for the second year running as some big markets move firmly into recovery, consultants DRI/McGraw-Hill forecast in their latest annual report on the world car industry. World sales this year, at \$66n, will be 6 per cent higher than in 1993, when sales hit a six-year low of \$3.1n, the report predicts. They are projected to rise by a further 4 per cent in 1995, to \$6.45n units.

However the overall figures disguise wide variations between markets, with Latin America and much of the Asia-Pacific region booming and western Europe still struggling to pull itself out of recession and no real sign of recovery in Japan. The report expects sales in western Europe to rise by 5 per cent this year, to 12m units but the rate of growth will slow to around 4 per cent next year before recovering in 1996.

In percentage terms, the most spectacular growth is coming from Asia-Pacific countries outside Japan. New car sales in China, for example, are forecast to jump by 28.5 per cent next year, to 750,000, and to top 1m before the end of the decade.

John Griffiths, London  
\*World Car Industry Report Forecast, November 1994, DRI/McGraw-Hill, Windward Bridge House, 1 Hatfield Rd, London SW19 3RU. £3.100

## Poll gives Delors a wider lead

Mr Jacques Delors yesterday widened his lead over other potential French presidential candidates in an opinion poll that coincided with strong denials by the Balladur government of reports that it is trying to help Mr Bernard Tapie challenge the outgoing European Commission president for the left-wing vote. The Ifop poll in the Journal du Dimanche showed that Mr Delors, with 23 per cent support, was the preferred presidential candidate over 13 others, led by Prime Minister Edouard Balladur with 17 per cent and followed by Mr Jacques Chirac with 11 per cent. Mr Delors has promised to announce by Christmas whether he will run for president.

With 6 per cent in yesterday's Ifop poll, Mr Tapie still runs fourth among presidential preferences. But some pundits believe that the maverick Mr Tapie could end up Mr Delors' electoral base if he too, were to run for the presidency, and some newspapers suggested late last week that this is just what Mr Balladur is seeking to arrange by keeping Mr Tapie out of the bankruptcy court, to the annoyance of the justice ministry. David Buchanan, Paris

## China investment flows surge

Foreign investment is expected to continue flowing into China at an average annual rate of \$15n a year to the end of this century, according to the Development Research Centre of State Council, China's cabinet. Mr Zhang Xiaojin, the centre's deputy director of foreign economic relations, said that while this figure would mark a slowdown from the surge of 1993-95 it was "still surprisingly high compared with many other countries". China is now absorbing about one-third of direct foreign investment to developing countries worldwide, which reached \$80bn last year. Direct overseas investment in 1993 of \$26bn accounted for 13 per cent of total investment last year in China's fixed assets. This compared with an average throughout the 1980's of 2.5 per cent.

But the numbers of new projects were down by 46 per cent to the end of September compared with last year, and pledged investment dropped by about 32 per cent to \$87bn. Mr Zhang said indications of a slowdown this year were to be expected. Tony Walker, Beijing

## Olympics drug abuse 'shock'

China's Olympic Committee expressed "deep shock and regret" at the weekend over a finding by the Olympic Committee of Asia that 11 Chinese athletes had tested positive for performance enhancing drugs at the recent Asian games in Hiroshima. China announced that it had appointed a committee to investigate the episode and said those involved would be punished severely under international rules. The report was carried by People's Daily in its back-page "brief news" columns. The OCA finding that a number of its top athletes, including several members of its all-conquering women's swimming squad, had failed doping tests is proving a severe embarrassment for China. Beijing had angrily rejected western criticism after the world swimming championships in Rome earlier this year that its female swimmers owed the spectacular improvement in their performances to drugs. Tony Walker, Beijing

## Zambia averts row with donors

The Zambian government yesterday averted a confrontation with western aid donors and announced the voluntary liquidation of the state-owned airline. The donors, who provide some \$700m-\$800m a year in support of President Frederick Chiluba's economic reform programme, had warned they might suspend aid if the government pressed ahead with a loan to the heavily indebted Zambia Airways. The government had intended to draw on a \$30m oil purchase facility provided by a Kuwaiti bank to help pay some of the airlines creditors, and buy time in which to implement a cost-cutting plan. Donors maintained this would break an agreement on public sector borrowing, and suspected the government was trying to avoid privatising the airline. Michael Holman, Africa Editor

## Moscow split over Chechnya

The conflict around the Russian North Caucasian republic of Chechnya is threatening to cause a row in the Russian parliament as liberal deputies prepare to demand a debate on the secret use of Russian soldiers to assist the opposition in their abortive attack on Grozny eight days ago. In Chechnya, the rebel government of General Dzhokhar Dudayev continued to refuse to observe the terms of President Boris Yeltsin's order to hand over power and weapons while an aide to Mr Yeltsin said the president would not negotiate with the Chechen leader. Large concentrations of Russian troops remain on the Chechen border. John Lloyd, Moscow

# White House doubts surface on Japan policy

By Nancy Dunne

Just as US officials were basking in the afterglow of the Congress vote on the global trade pact, a fissure seemed set to open over administration trade policy towards Japan.

It was revealed in a speech in New York on Friday by Mr Jeff Gerten, the Commerce Department under-secretary for international trade. He apparently surprised his colleagues in the inter-agency trade policy review group by signalling that the Clinton administration would increasingly rely on multilateral channels to put pressure on Japan to reduce its trade barriers.

He admitted the US had failed to command international support for its current

confrontational policy through bilateral talks and suggested that more could be achieved by seeking allies among "progressive forces of change" in the new World Trade Organisation, the EU, the Asia-Pacific Economic Co-operation forum (Apec), and Japan itself. These would include Japanese consumer groups and companies seeking cheap imports.

The apparent rift in the administration reflects differences in the business community at large over whether Japan can best be dealt with bilaterally or multilaterally. The bilateral camp, which includes so-called trade hawks such as Mr Clyde Prestowitz, a former Commerce Department negotiator now head of the Economic Strategy Institute,

has so far prevailed in influencing US policy.

In his speech Mr Gerten said: "In one of the great ironies of the late 20th century, Japan - which has rigged its economic systems for over 100 years - has branded the US as wanting to 'manage trade'. From Seoul to Sydney, from London to Frankfurt, and even around the US, the image stuck. From a public relations standpoint we never recovered."

The administration should not abandon its bilateral tactics towards Japan, but could employ "a more strategic" and "sophisticated" policy, Mr Gerten said. "What is required is a degree of subtlety and patience that does not always characterise US policy - in any administration," he said. "We could be

more proactive in urging Gatt, the IMF, the OECD, Apec, and others to focus on Japanese practices that do not conform to world standards."

Mr Gerten said that, though much had been achieved by the current bilateral policy, "there is a growing fatigue and weariness among the negotiators on both sides of the Pacific which makes the future agenda more difficult."

Mr Gerten joined the Clinton administration after officials devised the current "results-oriented" policy and began negotiating sectoral deals which included "economic indicators to measure progress."

It has been his assignment to negotiate an opening in the Japanese automotive market,

which accounts for 60 per cent of the US trade deficit with Japan.

"Frankly, we have little to show for our efforts," on this front, he said.

But other deals reached bilaterally have been successful. Motorola said US pressure to open and deregulate Japan's cellular telephone market had led to a boom of subscribers - from 12,000 to 150,000 in less than a year - on Motorola's TACS system.

It is unclear how much support Mr Gerten has within the administration for a shift - or what he calls "an evolution" - towards multilateralism. The speech drew anger in some quarters although administration officials would not comment publicly on his views.

Mr Prestowitz, who works closely with the administration, said the US originally pressed for the Uruguay Round as a means to deal multilaterally with Japan.

"The theory was that other countries would join us, but it doesn't tend to work that way," he said. Other countries - in Asia and the EU - want to maintain their own invisible barriers.

Mr Jules Katz, former deputy trade representative, favours the multilateral approach and says many more cases could be brought before dispute settlement panels of the new World Trade Organisation. "Why should we be carrying the ball alone, particularly since the results are always multilateralised?" he asked.

# Financial services still face curbs to market entry

By Nancy Dunne

Intensive bilateral and multilateral negotiations over the past four years have broken down market barriers to foreign banks and securities firms in countries around the world. But lack of competitive opportunity for foreign financial institutions remains "the rule rather than the exception".

These are the findings of a new 739-page US Treasury report covering the last four years.

Bilateral talks between the US and Japan, China, Korea and Taiwan have "yielded progress in a number

of key areas," according to the report. Japan has permitted establishment of foreign investment trust management companies and has expanded the range of securities foreign firms can underwrite and sell.

The report says China has expanded the number of locations for foreign branch banking and lets foreign banks buy and sell foreign exchange on behalf of foreign-invested joint ventures. Korea has formulated a three stage framework for comprehensive financial sector liberalisation, and Taiwan has partially lifted a ban on foreign bank branch entry.

Brazil, on the other hand, still prohibits new entry of foreign banks and has frozen increases in foreign participation in the ownership of existing institutions. Several countries - including Chile, Malaysia, Singapore and Thailand - have bans on the issuance of new domestic banking licenses.

The EU's single market in financial services is being implemented on a reciprocal basis, but a number of European countries impose capital requirements on branches of foreign banks which do not apply to EU banks, according to the report.

Negotiations completed in the Uruguay Round established a framework of multilateral disciplines under the General Agreement on Trade in Services (GATS). In these talks - due to conclude six months after the launch of the World Trade Organisation - the US is seeking binding commitments to reduce or eliminate a broad range of barriers.

In a statement accompanying the report, Mr Lloyd Bentsen, the treasury secretary, outlined a three-step strategy to press for further financial liberalisation. First the US will not agree to provide national treatment,

equalising the opportunities for foreign and US banks, unless other "commercially important countries" commit to further openings.

The US will continue to press openings in bilateral negotiations. It is also pushing for development and integration of capital markets around the world, using as enforcement technical assistance and loan programmes offered by the multilateral financial institutions.

The US has been simplifying access to its own markets. Since 1990, a total of 305 new foreign securities groups have entered the US market.

# Why Washington ducked a court fight with GM

Road safety wins out in saga of fuel tanks. Tony Jackson and George Graham report

Last Friday's settlement between General Motors and the US Department of Transportation, whereby the government dropped its attempt to recall allegedly unsafe GM pickup trucks in exchange for GM spending \$51m (\$232.6m) on road safety, is clearly designed to let both sides off the hook.

It extricates the transportation secretary, Mr Federico Peña, from a case which looked increasingly unwinnable in court and saves GM the public relations disaster of an official hearing.

For the car industry, the deal has broad significance. Between 1973 and 1987, GM sold some 9m large pickups with the fuel tank mounted outside the main frame, thus allowing a bigger tank and longer range. The trucks passed

the necessary safety tests at the time; but it has since been argued that they are more likely to catch fire in a side-on collision than trucks by other makers.

The government started to investigate two years ago. In October, Mr Peña upped the stakes sharply by moving to recall the trucks. They had caused 150 more deaths than would have been caused by Ford's, he said, and statistically were liable to cause 32 more.

What really alarmed the car industry was the idea that it could be retrospectively liable for vehicles passed as safe when sold. "Meeting a safety standard," Mr Peña said, "does not absolve a manufacturer of its responsibility to produce

safe vehicles." GM had become aware the trucks were defective, he said, adding that the management "appeared to have made a decision favouring sales over safety". GM hotly disputed the allegations and still does. "These trucks are as safe as the comparable Ford or Dodge," a spokesman said yesterday, "and far safer than any passenger car."

The immediate commercial risk to GM was minor. By US law, vehicles cannot be recalled more than eight years after sale. The risk was thus restricted to the 350,000 or so models sold in 1987.

More important, GM faces between 50 and 60 civil suits on behalf of accident victims. Only seven cases have come to

court so far, with GM winning three and losing three and the seventh due for retrial. The fact that the government has dropped its case now means, says GM, that none of Mr Peña's earlier statements are admissible in court.

Politically, Friday's settlement looks an undoubted embarrassment for Mr Peña. His officials deny he was acting under duress from the White House or the Department of Justice. Rumours have been rife, however, that President Bill Clinton disliked the prospect of a battle with GM in which his administration would appear as the heavy-handed regulator, just as a new Republican Congress arrives in Washington.

Mr Peña is already under fierce attack from anti-GM lobbyists. The Victims Committee to Recall GM Pickups calls the settlement a "public bribe" and "a sentence of death for hundreds more Americans". The Center for Auto Safety is going ahead with a parade of burn victims on Capitol Hill today.

But Mr Peña had such a weak hand that the deal could have been worse. His staff at the National Highway Traffic Safety Administration had repeatedly told him the case was not in their view winnable in court because the trucks did not pose an "unreasonable risk".

In addition, NHTSA staff estimated that even if the

Transportation Department did win a recall of the trucks, it would take around five years of litigation and save only six to nine lives.

The NHTSA estimates that one small part of the money being spent by GM under the settlement - the purchase of 20,000 car seats for babies to be distributed free to low income families - will save 50 lives and prevent around 5,000 injuries.

Mr Stephen Kaplan, a Transportation Department official, said Mr Peña had made his decision. "In a public interest mindset," he said, "we will save hundreds and hundreds more lives than any other option available to him".

# BAT's American tobacco hopes raise a question of competition

Richard Tomkins reports on the US cigarette market and why the anti-trust regulator opposes a bid by the British group

In 1927, the British took over a big chunk of the US cigarette industry when the UK company now known as BAT Industries bought Brown & Williamson Tobacco, one of the largest US cigarette manufacturers. Now BAT Industries is trying to take another slice through a \$1bn takeover of American Tobacco. Will the US let it happen?

The answer will largely hang on a hearing that begins today in New York, at the end of which a US federal court will decide whether or not to support the Federal Trade Commission's attempt to block the acquisition.

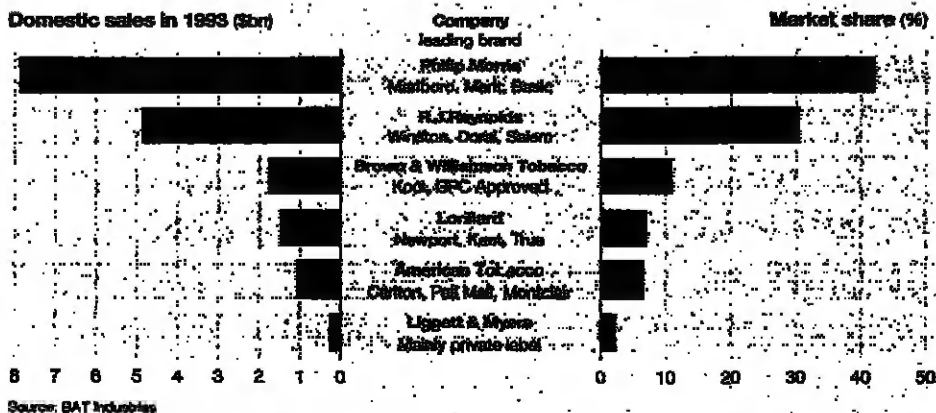
BAT Industries, the UK tobacco and financial services group, made its \$1bn (\$940m) cash offer for American Tobacco, the fifth biggest US cigarette maker, in April. The would-be vendor is American Brands, the diversified US consumer products group that

is American Tobacco's parent. Both BAT and American Brands are keen to complete the deal. But at the end of October the Federal Trade Commission announced that it would try to halt it, saying the takeover would substantially reduce competition in the US cigarette market and result in anti-competitive pricing.

Over the next two weeks, the US District Court for the Southern District of New York will consider the FTC's request for an injunction barring the acquisition. In theory, an injunction would be a temporary measure pending a full hearing of the FTC's complaint; in practice, the court's decision, or any appeal against it, is likely to settle the matter.

In many ways, it seems odd that BAT should want to buy American Tobacco at all. In the US, the proportion of adults who smoke has dwindled to 35 per cent, and in the

## Six to a pack: a breakdown of the US cigarette industry



last 10 years cigarette sales have been shrinking the rate of 2-3 per cent a year. Meanwhile, smokers and cigarette makers are under siege: big increases in cigarette taxes may be on the way, the Clinton adminis-

tration is threatening to introduce sweeping curbs on smoking in public places, and the manufacturers are facing a new wave of product liability lawsuits from well-heeled plaintiff attorneys.

These factors, however, have driven down the market value of US cigarette companies, making them more attractive to buyers. And since BAT Industries already owns Brown & Williamson in the US, it

stands to reap big benefits from the acquisition of American Tobacco because of the cost savings that would result from merging the two companies' manufacturing and distribution.

The FTC's objection to the takeover rests on the argument that it would remove a player from a market that is already highly concentrated. American Tobacco has not followed other companies' price increases, the FTC says, so the acquisition would eliminate an aggressive competitor. If American Tobacco went, the chances of collusion between remaining players would increase, and prices would probably go up.

The FTC's argument is compelling. There are only six cigarette manufacturers in the US, one of which is already owned by BAT. According to US merger guidelines, a market is regarded as highly concentrated if it scores more than

1,800 points on a formula called the Herfindahl-Hirschman index. The US cigarette market scores more than 2,900.

Yet BAT has some strong arguments, too. It points out that the two largest companies in the US cigarette market, Philip Morris and R.J. Reynolds Tobacco, together account for more than 70 per cent of cigarette sales. BAT's Brown & Williamson, the third biggest, has only 11 per cent. Even after a merger with American Tobacco, Brown & Williamson would remain a distant third with a market share of less than 18 per cent but a stronger brand name to compete with the two market giants.

On price, BAT says there is no likelihood of collusion, with or without the takeover. Competition is becoming more intense as manufacturers fight to increase sales in a shrinking market. In addition, restric-

tions on cigarette advertising have eroded loyalty to all but the most powerful brands, leading to extremely competitive pricing. Recently, BAT points out, prices have grown still stronger because of the proliferation of cut-price, own-label cigarettes. If evidence were needed of the increasing competitive pressures, it came last year on "Marlboro Friday", when Philip Morris slashed the price of its leading brand to claw back market share.

The arguments are finely balanced and it would take a brave pundit to predict the outcome. But BAT does at least start with the advantage that it has been here before: in 1988 it spent eight months fighting the regulatory authorities in nine states before succeeding in its \$5.2bn takeover bid for Farmers, the US insurance group.



# Taiwan's voters opt for stable Chinese relations

By Laura Tyson in Taipei

Voters opted for stability in Taiwanese local elections on Saturday as the ruling party retained an overall majority despite losing the mayoralty of the capital Taipei to Mr Chen Shui-bian, a legislator from the leading opposition party.

Mr James Soong, the incumbent candidate of the governing Kuomintang (KMT), easily won the polls for the provincial governorship with 55.3 per cent of votes in what was inter-

preted as an affirmation of the status quo in the island's delicate relations with China. The victory for mainland-born Mr Soong also helped heal ethnic divisions between native Taiwanese and recent immigrants from China which flared during the campaign.

The poll was the first for provincial governor and the first in three decades for mayors of the municipalities of Taipei and Kaohsiung, a southern port city. The KMT retained a majority of seats in the assembly.

blies of Kaohsiung city and Taiwan province, but lost its majority in the Taipei city assembly.

The Democratic Progressive party (DPP) appeared to be moving towards the political centre on winning its first important administrative post since political reforms began with the lifting of martial law in 1987. Mr Chen, who had been involved with the dissident movement from the late 1970s, played down the party's traditional advocacy of Taiwanese independence in his victory speech.

Mr Chen's election to the mayoral post is doubly significant as he will participate in cabinet meetings - the first time a DPP member has been able to do so.

The polls, regarded as an important milestone in Taiwan's democratisation, went off peacefully despite widespread allegations of vote-buying.

Mr Parris Chang, a DPP legislator, called the result a

"political and psychological victory" for the leading opposition group. "The KMT has so many more resources, organisationally and financially, that there's no way we can compete with them in the provincial election," he said, alluding to the ruling party's strong grassroots political machine.

The outcome had been predicted by pundits and thus had been largely discounted by financial markets. "The stock market's reaction should be generally bullish," said Mr Wil-

liam McGrath, general manager of the Taiwan representative office of S G Warburg Securities.

Mr Chen yesterday pledged to gather a group of Taiwanese and foreign experts to conduct a comprehensive investigation of Taipei's corruption-plagued urban mass transit system. A "red paper" detailing the team's findings would be released to the public.

represented little change in the existing balance among the political parties but legislative elections in late 1995 would be crucial. "Opposition parties could topple the KMT's absolute majority in parliament, potentially leading to the appointment of a prime minister from the opposition and a reduction in the power of the president," he said.

## Lebanon turns to Syria in PM row

By Mark Nicholson in Cairo

Mr Rafik Hariri, who has offered his resignation as Lebanon's prime minister, and his chief antagonist, Mr Nabih Berri, speaker of the parliament, took their bitter row to Damascus for talks with Syrian leaders yesterday. Mr Hariri continued to insist before the talks that he could "no longer govern" the country.

Some officials from the Hariri camp denied his resignation offer was a political gambit. The resignation was "irrevocable" and his differences with Mr Berri, the former Shi'ite warlord, "irreconcilable".

However, others close to Mr Hariri suggested before the talks that the businessman-turned-premier might be persuaded to stay on if Syria could broker a cabinet reshuffle which removed individuals seen as blocking Mr Hariri's plans. Mr Hariri has proved unable alone to command full cabinet discipline behind his ambitious rebuilding projects, and had offered his resignation in May after an earlier bout of cabinet infighting.

Mr Hariri stormed out of a Thursday night cabinet meeting saying he had resigned because his ambitious \$1bn (\$670m) rebuilding plans for Lebanon were being impeded by several ministers and by Mr Berri in particular.

The resignation capped one of the stormiest weeks of Mr Hariri's two-year tenure, marked by allegations of scandal and corruption directed by two parliamentarians at both the son of President Elias Hrawi and Solidere, the company designed by Mr Hariri to develop central Beirut.

Mr Hrawi, who with Mr Hariri and Mr Berri is the third member of the country's ruling triad, has firmly backed the prime minister he appointed in 1992, saying he would "tear up" Mr Hariri's resignation.

The central bank at the weekend announced it had raised overnight rates to 50 per cent to back the Lebanese pound.

## Boost for S Korean deregulation

By John Burton in Seoul

South Korea has launched a sweeping reorganisation of the government, including the merger of its two main economic agencies, the finance ministry and the Economic Planning Board.

The measure is seen as an attempt by President Kim Young-sam to revitalise his programme for economic deregulation, which appears to have lost momentum recently due to bureaucratic resistance. Pressure is growing on South Korea to reduce its trade and foreign investment barriers and promote financial liberalisation as it prepares to join the Organisation for Economic Co-operation and Development in 1996.

The government reorganisation is expected to be followed

by a large-scale cabinet reshuffle later this month once parliament approves South Korea's membership in the World Trade Organisation.

The creation of the finance and economic board marks the demise of the EPB, which symbolised strong state intervention in the economy over the last three decades.

The EPB was established in 1961 when the military took control of South Korea. It was the main architect of the country's subsequent rapid growth by issuing blueprints on economic development. But its role has declined in recent years following the downfall of the military dictatorship in 1987, with much of its power being transferred to the finance ministry.

Since then, the EPB has become a supporter of economic deregulation, while the

finance ministry is now regarded as the main centre of resistance to liberalisation.

The merger of two agencies is considered an attempt by President Kim to leave the ranks of the conservative finance ministry with EPB officials favouring reform.

Mr Kim also hopes to reassert his authority over the bureaucracy by strengthening the role of the prime minister's office as policy co-ordinator for government administration.

The ministries have increased in power in recent years following a decision by Mr Kim's predecessor, President Roh Tae-woo, to decentralise decision-making in order to promote democracy.

The result, however, has been to give them the ability to hamper the Kim administration's deregulation proposals

which represent a loss of power for bureaucrats and threatens their jobs.

The prime minister's office will take control of the Fair Trade Commission (FTC) from the EPB, indicating that Mr Kim will renew efforts to curb the economic power of the country's leading industrial groups, or *chaebol*.

Other main features of the government restructuring include the merger of the transport ministry with the construction ministry. This reflects government plans to spend \$100bn on infrastructure projects primarily related to transport over the next eight years.

The environment ministry will also be upgraded to cabinet status, reflecting concerns about increased pollution.



Crew from the ill-fated Achille Lauro cruise ship, which caught fire last week in the Indian Ocean, celebrate yesterday as their rescue ship arrives in Mombasa, Kenya. Safety review, UK news

## Burundi extremists refuse to heed example of Rwanda

By Leslie Crawford, Africa Correspondent

Even with the horror of Rwanda at their doorstep, political extremists in Burundi appear determined to speed up the disintegration of their country and provoke another ethnic bloodbath.

After months of United Nations-mediated negotiations to forge a government of national unity, the Tutsi-led opposition party threatened at the weekend to break its alliance with the majority Front for Democracy in Burundi (Frodebu) over the election of a Hutu as the speaker of parliament. Diplomats in

the capital Bujumbura believe the collapse of the power-sharing agreement could make the country ungovernable.

Mr Anatole Kanyenkoko, prime minister, cut short a trip to Europe to deal with the political deadlock in Burundi. He said on his return to Bujumbura yesterday that he would try to convince his party, the Union for National Progress (Uprona), not to leave the government.

Mr Ahmedou Ould Abdallah, the Mauritanian UN representative who has laboured over the past 11 months to steady tempers in Burundi, believes the problem lies with a few Tutsi hardliners who

refuse to share power with the country's Hutu majority.

"This time it is not the (Tutsi) army which is fuelling the crisis, it is civilians," Mr Abdallah said yesterday. "If the Uprona hardliners continue to destabilise the government of this country through deceit and blackmail, it is they who will be responsible for another catastrophe on the scale of Rwanda."

Burundi has the same ethnic make-up as Rwanda - 85 per cent Hutu, 14 per cent Tutsi and a small Twa (pigmy) population. But whereas Hutus ruled in Rwanda until their overthrow by Tutsi guerrillas earlier this year, Tutsis in

Burundi have never relinquished real power. They control the army, civil service and judiciary, business and the press. Like Rwanda, Burundi is overpopulated and desperately poor: factors which augment the hatred and fear between Hutu and Tutsi communities.

Even before the current political crisis, Burundi was struggling to salvage what remained of its short-lived experiment with democracy. Its first freely elected president, Mr Melchior Ndadaye, a Hutu, was murdered by renegade Tutsi army officers in October 1993 after less than 100 days in office. In the turmoil that followed, 50,000 Burundians were killed. Mr Ndadaye's successor died in the April air crash which also killed Gen Juvenal Habyarimana, the Rwandan dictator.

Mr Sylvester Ntibunguza, Burundi's third Hutu president in a year, has little power. He is the only surviving Frodebu leader in Burundi. His wife and six of his colleagues were murdered in the 1993 putsch; another three members of the party leadership fled into exile.

The president has lost much Hutu support for making too many concessions to the Tutsi elite: Uprona has taken 40 per cent of the cabinet posts and seven of the 16 provincial

governorships. Disaffected Hutus say the power-sharing agreement did not solve the fundamental issues for Hutus: who controls the army and judiciary. They also believe the government of national unity is a smoke-screen behind which Tutsis are preparing to eliminate Burundi's Hutu political leadership.

Hutu extremists have allied themselves to the remnants of Rwanda's defeated Hutu army and declared "war" on Burundi's new government. Small guerrilla bands have crossed into northern Burundi and attacked army convoys. The army has retaliated by burning villages and massacring Hutu peasants.

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## NEWS: UK

# Lords to hear appeals over failed companies

By Jim Kelly,  
Accountancy Correspondent

The House of Lords will today begin hearing appeals from the administrators of Paramount Airways, and the receivers of Leyland Daf and Ferranti, in a landmark case with far-reaching consequences.

If the appeal is rejected, thousands of employees who lost their jobs when companies failed will be able to claim damages against the receivers and administrators who took over the businesses. Potentially such claims

could reach £2bn. Payments to individuals would depend on the case and the employment contract.

The accountancy firm Arthur Andersen, the receiver of Leyland Daf, the automotive group, and Ferranti, the electronics group, joins Touche Ross, the administrator of Paramount, in today's appeal.

The case has been taken to the Lords because of a court ruling in March, which left receivers and administrators responsible for the contracts of employees at troubled companies.

If receivers and administrators kept employees on after a 14-day "threshold" period, they were deemed to have "adopted" the company's pay and benefits obligations.

The controversial ruling, which made it more likely that employees would lose their jobs quickly after a company failure, was wiped out by the Insolvency Act in May. This measure absolved receivers and administrators of responsibility for employment contracts after the 14-day threshold.

But receivers and administrators

were still potentially liable for the jobs lost at companies in trouble between 1986, the date of the previous Insolvency Act, and March's court ruling. Because of time limitations on claims, the actual period for which damages could be sought is likely to fall between 1989 and this year. Company failures were running at a high rate in those five years.

Some workers will have taken new jobs and may not wish to pursue claims. In some cases, claims would be met from the assets of the company to which administrators were

appointed. However, in most cases a claim for damages may prove too late as the assets have been sold.

In most cases, the claims will fall on receivers, who are personally liable, unlike the administrators. In the Leyland Daf and Ferranti cases, the receivers are in a good position to meet claims because they still hold substantial assets from the companies involved.

If on the other hand, the Law Lords decide to grant the appeal the threat of having to meet huge claims will be lifted from the insolvency profession.

## Industry backs pro-EU group within Tory party

By James Biltz

Some of Britain's leading industrial companies - including Glaxo, Grand Metropolitan and Enterprise Oil - have given financial backing to a new pro-European pressure group inside the Conservative party.

As Tory Euro-rebels continue to challenge Mr John Major's government over European Union integration, the new group, called Action Centre for Europe, is to lead a fight-back by Conservatives committed to British membership of the EU.

The group was founded by

Lord Howe, the former cabinet minister, earlier this year. Among senior Tory officials who have joined its advisory council are Mr Kenneth Clarke, the chancellor, Mr David Hunt, the secretary of the Duchy of Lancaster and Sir Leon Brittan, one of the UK's EU commissioners.

A group of banks and business organisations have pledged around £50,000 to set up the organisation, which will argue the pro-European case within the party in the run up to the EU's inter-governmental conference in 1996.

The list of sponsors includes

Salomon Brothers, the merchant bank. It is understood that strong interest in the organisation has also been shown by N.M. Rothschild, the bank note printer, Firell, the Italian tyre-maker, and the Andersen Consulting group. ICL and General Utilities have also shown interest.

The centre, which aims to counter the role of the European Foundation, an anti-Maastricht think-tank, will launch a series of high-profile conferences next year outlining how the UK can develop in the EU.

## Maritime safety review to focus on passenger ferries

By Charles Batchelor,  
Transport Correspondent

Two shipping disasters in the past week have lent fresh urgency to a safety review which starts today at the London-based International Maritime Organisation.

The maritime safety committee had already planned to focus on roll-on roll-off ferry safety following the sinking of the Estonia in the Baltic in September with the loss of more than 900 lives. Last week's sinking of a Philippines ferry with the loss of more than 140 lives and a fire on the

cruise liner Achille Lauro, which cost two lives and gutted the vessel, have increased pressure on the committee to tighten up regulations.

The role of the IMO, a United Nations agency, is to improve maritime safety and prevent pollution from ships.

It works a number of through technical committees and relies on persuading member nations to adopt the treaties they devise. The maritime safety committee has representatives from most of the IMO's 150 member countries.

Prompted by the sinking of the Estonia, Mr William

O'Neil, IMO general secretary, has proposed the creation of a panel of safety experts to recommend action in the hope of shortening the normally lengthy procedures.

Particular attention will be paid to the strength and watertightness of bow and stern doors, the advisability of fitting internal bulkheads on the vehicle deck and the need for guidelines on operations in adverse weather conditions.

The committee is also to consider far-reaching amendments of the international convention on training standards and seafarers' qualifications.

## UK NEWS DIGEST

## Mercury set to shed up to 20% of its staff

Mercury, the UK telephone company operated by Cable & Wireless, will today announce job losses of 10 to 20 per cent among its workforce of 11,400.

Lord Young of Giffham, Cable and Wireless chairman, warned last month that "a substantial cost and headcount reduction programme" would be required to prepare Mercury for a more competitive telecommunications market in the late 1990s.

The company, 80 per cent owned by C&W and 20 per cent by Bell Canada, will outline the job cuts this morning in briefings to the Mercury workforce, stockmarket analysts and journalists. Although unions are prepared for 1,100 jobs to go, some financial analysts believe the cuts will exceed 2,000 over a period of years.

Mercury's half-yearly results, released last month, surprised analysts by showing a £3m decline in operating profits to £56m in the six months to September 30, although turnover rose by 12 per cent to £797m. Lord Young said the "disappointing" figures were due mainly to adverse changes in the regulatory regime.

## Paisley raps Sinn Féin role at investment conference

The Rev Ian Paisley's Democratic Unionist party is to boycott next week's Northern Ireland investment conference.

His announcement, made during the party's annual conference at Dungannon at the weekend, comes as little surprise. Mr Paisley remains implacably opposed to any contact with Sinn Féin, the IRA's political wing. Once Downing Street confirmed that Sinn Féin councillors on the Belfast and Derry economic committees had been invited, Mr Paisley's reaction was inevitable.

The DUP's absence will nonetheless reinforce Ulster's image as a divided society, and could make it more difficult for the Northern Ireland Office to convince business that now is the time to invest in the province's future.

Next week's conference is intended to be a showpiece for foreign investors, and to provide evidence that Ulster is ready to end its internal strife and forge a new consensus.

## Maxwell offer falls short

A financial settlement offered to members of pension schemes formerly controlled by the late Robert Maxwell is still between £40m and £50m short of what is needed to meet all liabilities.

This week, Sir Peter Webster, acting as a negotiator on behalf of the government-backed Maxwell Pensioners Trust, will be meeting institutions which have offered to contribute to the fund to encourage them to increase their offers. Also, some which failed to make offers will be encouraged again to do so.

Those who do not make offers as part of a "global settlement" are likely to be the subject of writs from trustees of the various schemes seeking recovery of assets. It is expected that Sir Peter will press for final offers to be received by the end of this week.

## New venture for Rank Xerox

Rank Xerox, the international document company, has joined forces with cost management consultancy Currie & Brown to launch a new company in the burgeoning facilities management market.

The market has grown rapidly in recent years as companies cut costs by concentrating on their core business and farmed more peripheral services out to specialist organisations. CBX Limited, which is to be launched today, will add yet another new company to the sector. It will be capitalised to the tune of £500,000 (£820,000) and be held equally by Rank Xerox, Currie & Brown and the management of CBX. CBX was formerly the Great Britain services division of Rank Xerox.

## Direct selling up by 10%

Sales in people's homes of a variety of goods from cosmetics to books increased nearly 10 per cent last year, according to the Direct Selling Association, a trade body representing the industry in the UK.

Sales from the more than 400,000 sales people in the sector came to £913m, (£1,497m) up from £832m in 1992. The sales come from about 100 companies which sell goods including food and diet supplements and household products but exclude double glazing and insurance.

## BR boss backs subsidies

The government will have to make a long-term commitment to subsidise the railways if the planned privatisation of Railtrack is to succeed, Sir Bob Reid (left), British Rail chairman, said. "The Treasury need to commit themselves to the franchisees [train operating companies] who will then commit themselves to Railtrack," he said. "It is the certainty of the revenues that will make Railtrack saleable." He said the government would have to guarantee seven years of funding to a company that took a seven-year franchise to operate a train service.

The government announced last month that it planned to sell at least 51 per cent of Railtrack in the lifetime of the present parliament. Railtrack owns and maintains the infrastructure of Britain's railways, including 11,000 miles of track and signalling and 2,500 stations. Its main income will come from access charges paid by the train operators.

## Growth seen in teleworking

Nearly three out of every ten companies in Britain now have employees who work from home or who plan to start doing so shortly, according to a study published today by BT, Britain's largest private sector employer.

The biggest growth in teleworking is coming in the media where a third work from home and business consultancy where 81 per cent are doing so. Many have started in the past six months. More than a third of all government employees (36 per cent) are currently increasing the amount of time they spend working at home.

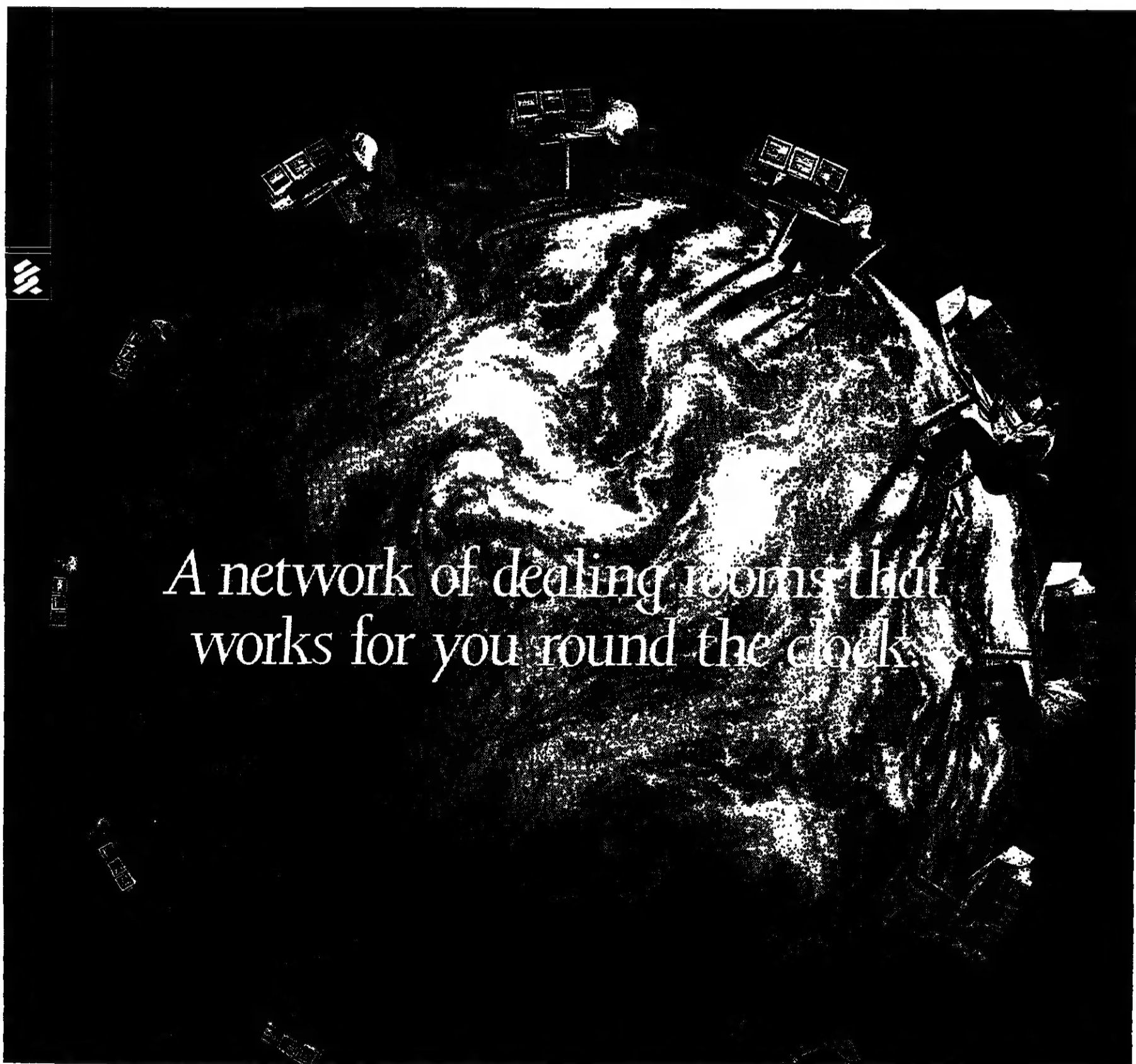
The survey was carried out by NOP between June and September this year with 2,813 business interviews.

## Toolmakers' Budget plea

Leaders of Britain's Machine Tool Technologies Association are to meet officials from the Treasury on Wednesday to hear why manufacturing industry's plea for increased capital allowances was rejected in last week's Budget.

A delegation from the association is likely to express its disappointment at the short shrift given to their pleas by Mr Kenneth Clarke, the chancellor. Mr Clarke said in his Budget that the argument for higher allowances had a "simplistic appeal" and would distort investment decisions. He restated the government's philosophy in favour of lower overall corporation tax rather than higher allowances.

Ironically, forecasts released by the association late last week predict strong growth over the next three years in machine tool investment in the UK and substantial increases in exports of UK-made machine tools.



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**Tim Dickson**

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## PEOPLE

# A radical solution for Japan's double whammy

Nippon Steel's Takeshi Imai tells Michiyo Nakamoto how he thinks Japan should deal with a strong currency and domestic recession

In just six short months, Takeshi Imai has pulled off a spectacular coup which has roused the envy of many of his colleagues in Japan's business world.

Without so much as a whimper from Nippon Steel's unions, the president of the world's largest steel company has lost 4,000 jobs from a total payroll of 36,000 across the country. The majority of the 4,000 - most of whom are white-collar workers - have been transferred to subsidiaries and affiliated companies. They had expected to return from secondment to Nippon Steel eventually, now they find that their move is permanent.

But as far as Imai is concerned, this achievement is only one step in the pressing task of corporate and economic restructuring facing Japan. Sitting in his office on the 20th floor of the headquarters building in the heart of Tokyo's business district, the soft-spoken Imai preaches the need for far-reaching changes.

Ever since Japan's economy has been subjected to the double whammy of a strong currency and domestic recession, one of the biggest headaches confronting business executives has been how to reduce spiralling labour costs with the minimum of social upheaval. "Looking back at the two oil shocks and at the yen's rise against the dollar, it can be said that it was the yen's appreciation this time which has had the worst impact on the Japanese economy," says Imai.

At 64, Imai has been at the helm of Nippon Steel, a classic example of Japan's spectacular industrial success since the second world war, for the past two years. He has experienced the ups and downs of Japanese industrial development at close hand.

On graduating from Tokyo University's law faculty in 1952, he immediately joined

Fuji Iron and Steel; he then rose steadily through the ranks of Nippon Steel which was created through the 1970 merger of Fuji and Yawata Steel. The yen's latest rise, he says, has had a devastating effect on Japanese corporate profits. The squeeze has been such that even with official interest rates at historically low levels for over a year, companies have been reluctant to resume capital spending.

In the case of Nippon Steel, with total revenues of about ¥2,000bn (\$30.83bn), the effect of the yen's appreciation has been to slash revenues by 15 per cent, or ¥300bn.

Worse yet, in the longer term, the yen's surge against the dollar raises the cost of domestic manufacturing on a dollar basis, thereby robbing Japanese companies of their international cost competitiveness, Imai warns.

This situation has led to something of an exodus by Japanese manufacturers to other parts of Asia which have lower production costs. But this is not an easy option for industries which need to make use of as much excess capacity at home as the Japanese steel industry is thought to have.

A more fruitful solution, then, would be to bring the cost of manufacturing in Japan more in line with international standards.

On a corporate level, this means trimming bloated workforces and bureaucratic organisations that hinder efficiency and maintain high costs.

To this end, Nippon Steel has introduced a programme of cost-cutting over the next three years by which it hopes to recoup the ¥300bn fall in revenues it has suffered from the yen's rise. Imai is confident.

"We believe we can complete half our targeted cuts by the end of January," he says.

But on a wider front, bringing the cost of manufacturing in Japan closer to international standards requires a wholesale



review of both the Japanese corporate system and the structure of the Japanese economy.

Take, for example, the annual spring wage offensive. This institutionalised system of wage bargaining was useful when the economy was growing.

"When manufacturing [capacity] is increasing or living costs are rising then it is necessary to raise wages," Imai says.

But that is not the case today: living costs are stable, real wages are rising, and given that manufacturing is not expected to grow as it has in the past, "it is necessary to keep wages down for some time," he asserts.

Imai, who is widely respected as a considerate leader with a sharp mind, clearly practises what he preaches. Last year, along with other Nippon Steel executives, he did not receive his annual bonus - considered part of an employee's salary in Japan. His and other executives' salaries were cut 10 per cent in 1992, and by another 5 per cent this year.

Although Japan's blue chip companies have publicly declared lifetime employment to be sacrosanct, Imai emphasises, albeit quietly, that it has contributed to the high costs of Japanese industry and therefore needs to be reviewed.

This need to bring costs

down extends to the whole of the Japanese economy; manufacturing industries which export their products and compete in the international marketplace at ¥100 to the dollar exist alongside protected service industries - which are therefore operating with an exchange rate equivalent to ¥200 to the dollar, Imai says.

Stringent government regulation has not only kept the cost of manufacturing much higher than in other countries, it has also prevented the Japanese from fully enjoying the country's wealth, which should have been enhanced by the yen's recent rise. "That is why the business community has been saying that regulation is the cancer of Japan, because it is keeping prices up," Imai continues.

Along with many of his fellow executives in the business community, Imai has called for far-reaching deregulation of the Japanese economy; this would introduce competition into uncompetitive industries, particularly the service industries, and help close the price gap between Japan and the rest of the world.

Deregulation would also encourage new businesses to start up - thus lessening the impact of the unemployment created by the restructuring of much of the rest of Japanese industry, Imai believes.

While to western eyes these ideas would seem logical, in a country which favours harmony and gradual transition, such steps would lead to social upheaval and invite potentially harsh criticism.

Imai's dedication to change, coming as it does from the head of a company which has long served as a model of Japanese business propriety, is a measure of the urgency and commitment Japan's business community feels is essential if it is to overcome its latest, and perhaps most challenging, ordeal.

## NAMES IN THE NEWS

### Everything rosy in Meyer Kahn's beer garden

Watch out for Meyer Kahn, the boisterous chief executive of South African Breweries, writes Mark Suzman. He wants to become a global player in the international beer market, yet international investors would prefer him to stick at what he knows best - managing a business which promises 5 per cent plus annual volume growth for years to come.

Like many South African firms, SAB was forced to turn inward during the apartheid era and tried to balance its stranglehold on the domestic beer market by diversifying into areas such as retail and manufacturing.

But it is its domestic brewing business which has caught the eye of international investors keen to play the South African stock market. After Anglo American empire, SAB is the premier blue chip and its shares are more highly rated than those of many brewers in far more politically stable parts of the world.

Since the lifting of sanctions, Kahn, an irrepressible optimist about his country's future, has wasted little time in pushing abroad. Already the sixth largest brewery in the world by volume, the group's international subsidiary, Westgate, has acquired breweries in Hungary, Tanzania and, most recently, China. At the same time, the company's strong brands, Castle and Lion lagers, have attracted a rapidly growing international following.

Kahn sees the developing world as his core market. He feels he has a significant comparative advantage over the likes of Anheuser-Busch and Heineken in these areas and denies any interest in competing head on with them in Europe.

### More bubbles for Jacuzzi

The next time you step into a Jacuzzi whirlpool bath spare a thought for Roy Jacuzzi, 51, the man credited with bringing the bathtub out of the water closet, writes William Hall. He started in the business when he was 12, is responsible for more than half of Jacuzzi's 200 patents, and shows no sign of wanting to step down as the king of the world's whirlpool business.

Roy's grandfather, who emigrated from north east Italy, set up a mechanical engineering workshop in California in 1910. Soon he was making aircraft propellers and built a passenger aircraft used by the US postal service.

Having diversified into irrigation pumps, Roy, who was head of research, stumbled on the whirlpool by accident. One of his cousins suffered from arthritis and Roy built a pump into the bathtub so that his cousin could benefit from the water and air-jet treatment prescribed by the doctor.

In 1968 Jacuzzi started selling his whirlpool baths - he called them Roman baths - from the back of a lorry at \$700 a time. In 1974 President Ford installed a Jacuzzi in the White House and the business took off. Today the company has operations in Canada, Italy, Chile and Brazil, employs 2,200 people and turns over \$400m a year.

It has sailed through the recession with no problems. Indeed Hanson, which has owned the company since 1987, is so impressed with Jacuzzi's "extraordinary levels of profitability" that it has decided to make Roy (below) chairman of Jacuzzi Inc. Since he is already president and chief executive it does not mean an awful lot. But it is the sort of extra trimming which would have made his poor grandfather proud.



### Thompson digs in at Cominco

David Thompson would undoubtedly prefer to remain the backroom financial wizard of Vancouver's Keewill family, writes Bernard Stanoe. Instead, he has been thrust into the high-profile job of chief executive of Cominco, the big international lead and zinc producer.

A long battle against leukaemia has forced Cominco's present CEO, Robert Hallbauer, to give up the reins as from January 1. "Everybody would really have wanted Bob to stay on if he possibly could, and I would have stayed here," says the self-effacing Thompson from Teck Corporation, the Keewill flagship company, which owns 38 per cent of Cominco.

London-born Thompson has been Teck's chief financial officer since emigrating to Canada 14 years ago. He was previously joint managing director of Messina, the South African copper and industrial group.

Now 55, Thompson has helped mastermind Teck's expansion. His achievements include painstaking negotiations in the early 1990s with a group of Japanese steel mills and dozens of international banks which led to the financial restructuring of Quintette, North America's biggest coal exporter.

Cominco has been through a tough period. Technical problems have plagued the Dog zinc mine in Alaska and the Trail smelter complex in British Columbia. The company has cut off several limbs, including a fertilizer business and a steel producer. Relations with British Columbia's left-of-centre government have at times been strained.

But with the help of sharply rising metal prices, Cominco's fortunes have recently improved. Its new Quebec-based Blanca copper mine in Chile began production last summer and it is forging ahead with a development in the Yukon. Earlier this year Cominco bought control of Peru's biggest zinc smelter and is already studying a sizeable expansion of the plant. "We hope the difficult years are behind Cominco," Thompson says. "What I'll try to do is to focus people on new opportunities, because the company has to grow."

## CONTRACTS & TENDERS



### PROMET ENGINEERING (SINGAPORE) PTE LTD

#### INVITATION for pre-qualification for the procurement of "goods" for: HUB RIVER FUEL OIL PIPELINES PROJECT IN PAKISTAN

1. Asia Petroleum Limited has applied for a loan from the World Bank (WB) towards the cost of the Hub River Fuel Oil Pipeline Project in Pakistan and it is intended that part of the proceeds of this loan will be applied to eligible payments under the contract(s) for which this invitation to pre-qualify is issued. The funding facility will be extended through the Private Sector Energy Development Fund (PSEDF) administered by the National Development Finance Corporation (NDFC) and will be as per the WB/PSEDF guidelines. This facility has been established by the Government of Pakistan under an arrangement with the WB to finance energy and infrastructure projects in the private sector.
2. The Hub River Fuel Oil Project comprises the engineering, procurement and construction activities associated with underground cross country 36" and 14" high pressure fuel oil pipelines, and associated facilities. The pipelines are designed to supply heavy furnace oil from the Marine Oil Terminal (at Port Qasim) to storage tankage at Pipri Terminal and from there to storage tankage at Hub Power Company (HUBCO). The pipeline originates at the Marine Oil Terminal located at Port Qasim, Karachi, Pakistan and ends at the Hub Power Plant at Khaifia Point in the Hub District of Balochistan. Total overall length of the pipeline is approximately 55 km.
3. Promet Engineering (S) Pte Ltd (PESPL), the Engineering, Procurement and Construction Contractor for this project invites, on behalf of APL, interested and suitably experienced and financially sound international suppliers and fabricators to submit for pre-qualification for:
  - (a) The supply of major components for the pipeline including, but not limited to: line pipe, pipe coating and insulation, mainline valves and scraper launchers/retrievers, and/or
  - (b) The supply and fabrication of modularised equipment complete with instrumentation, control panels, etc. including, but not limited to: mainline pumps and drivers, booster pumps and drivers, heat exchangers, boiler packages, water cooling system, instrument air system, meter and meter provers, pre-fabricated control building complete with Supervisory Control and Data Acquisition system including fibre optic communications, and diesel purging facilities.
4. Scope of Work  
The scope of work consists of the procurement and fabrication of major components for 36" and 14" underground cross country high pressure fuel oil pipelines designed to supply heavy furnace oil from the Marine Oil Terminal (at Port Qasim) to storage tankage at Pipri Terminal, Sind Province and from there to storage tankage at Hub Power Company (HUBCO), Balochistan Province.  
The procurement would involve, but not necessarily be limited to, the supply and delivery of:
  - Line Pipe - both 36" and 14" diameter, ERW type to APL specification
  - Pipe coating and insulation
  - Pipeline valves and ancillary associated equipment
  - Scraper launchers/retrievers
  - Other Long Lead Mechanical and Electrical Equipment and Instruments
- It is envisaged that the following items will be provided as modularised units:
  - Mainline (positive displacement type) and Booster Pumps (centrifugal type) complete with drivers and associated controls
  - Heat exchanger packages
  - Boiler packages, including water treatment
  - Air system
  - Diesel purging system
  - Meters and meter provers
  - Water cooling system
  - Pre-fabricated control building complete with Supervisory Control and Data Acquisition system including fibre optic communications
5. Pre-qualification is open to firms and voluntarily formed joint ventures from eligible source countries as defined under the "Guidelines: Procurement under IBRD Loan and IDA Credits". Domestic contractors may apply for pre-qualification independently or in joint venture with foreign contractors.
6. Interested eligible suppliers and constructors may obtain further information and inspect the pre-qualification documents at the following address:  
**PROMET ENGINEERING (S) PTE LTD**  
21 Pandan Road, Singapore 2280  
Tel: (65) 286 0312 Fax: (65) 281 1784
7. A complete set of pre-qualification documents may be purchased by any interested eligible applicant on the submission of a written application to the above address (Attention: Project Director) and upon payment of a non-refundable fee of US\$200. Requests submitted by mail should include a certified cheque in the amount and currency indicated above in favour of Promet Engineering (S) Pte Ltd. The document will be promptly despatched by registered airmail. Under no circumstances will APL or PESPL be held responsible for late delivery or loss of the documents so mailed.
8. The pre-qualification documents must be duly completed and returned to the address noted at Para 6 above, before the specified pre-qualification closure date (nominally 45 days after date of placement of initial advertisement).
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# Fujitsu plans digital challenge in US

The Japanese computer group is preparing for a head-on multimedia clash with Microsoft, reports Alan Cane

Fujitsu, Japan's largest computer manufacturer, is planning a multimedia initiative in the US, which could bring it into head-on competition with Microsoft, the world's biggest software house.

In April next year, it plans to launch a US version of a futuristic, on-line role-playing game which it has been testing for more than seven years in Japan. Called Habitat, it creates a fantasy world on screen - a virtual city in cyberspace, as multimedia experts would describe it - populated by characters who take on the personalities of the players. There are some 10,000 regular subscribers in Japan.

Japanese sociologists are already fascinated by the way people behave when allowed to adopt these electronic alter egos. Within Habitat there is a "head shop" where players can change their heads, and a "paint shop" where they can change their clothes.

However, Habitat - which Fujitsu

bought from the Lucas Arts Entertainment Company, owned by George Lucas, director of "Star Wars" (see below) - is more than a game. It can function as an attractive, simple-to-use interface to a broad range of information and educational services. Students can send messages to each other on an electronic campus; shops and banks can be created on screen; and players can send their electronic images off on shopping trips.

Tatsuzumi Furukawa, Fujitsu main board director and multimedia projects group manager, says that Habitat will be the first test of Fujitsu's multimedia capabilities outside Japan. If it proves successful, the service will be extended to Europe, beginning with the UK in 1996.

A successful Habitat in the US would find itself in direct competition with Microsoft's planned Microsoft Network, an on-line information service which the software giant is expected to launch next

spring, and which will feature shopping catalogues, financial services and news services. Microsoft's prices are expected to be significantly below those of existing on-line services such as America On-Line or CompuServe. It is expected to offer a simple user interface, based on Microsoft's best-selling Windows software.

Much will depend on the quality of information available over the respective networks. Bill Gates, Microsoft's chairman, has been busy signing up information providers in anticipation of the start of Microsoft Network.

Fujitsu operates Japan's leading on-line business information service, Nifty-serve, in partnership with Nisabro Iwai. In 1993 it had revenues of \$180m (\$79m) and profits before tax of about \$13m. Nifty-serve has a relationship with CompuServe, of the US, but Furukawa agrees that over the next few years Fujitsu will have to form alliances with a broad range of information

providers. Some will be simple commercial relationships, but others will be strategic partnerships. "If an information provider wanted to start a new kind of service, we would be able to help," Furukawa says. "We have substantial experience now."

Fujitsu's venture in the US is just one indication of the importance it attaches to multimedia. It has set a target of expanding sales of multimedia-related products and services to reach 20 to 25 per cent of revenues by 1997. Currently the category accounts for only 2 to 3 per cent of the group's sales.

As a leading electronics manufacturer, it already provides much of the hardware which is making multimedia possible. It supplies, for example, four out of the seven regional Bell operating companies with switches and optical equipment for asynchronous transfer mode transmission, the new technology which is expected to underpin the information superhighway.

Fujitsu sees multimedia, however, as the leading edge of its transition from a predominantly hardware manufacturing group - it is best known for its IBM-compatible mainframe computers - to a services oriented business. The company is becoming involved in content, developing and marketing information, entertainment and educational materials. Last June, it established a Digital Media Group to co-ordinate these activities.

The company has a three-pronged approach to the market. First, there is the on-line information business, represented by Nifty-serve and Habitat. Fujitsu has a strategic alliance with Sharp, the consumer electronics company, which has sold some 400,000 personal digital assistants (hand-held computers capable of accepting handwritten instructions). The two companies are planning to link Nifty-serve to the PDA, to create a mobile on-line information service.

Second, cable television. This is a novel service in Japan, and subscriber numbers are low. But Fujitsu has invested in some 23 cable television companies. It is a limited experiment; the investment in each amounts to only 15-20 per

cent of the equity, but it is providing a test-bed for trials of interactive services.

Third, business multimedia. Fujitsu is marketing Team Office developed by ICL, its UK subsidiary, in Japan. The software makes it possible to share documents, and for colleagues to work together using linked personal computers.

Fujitsu and ICL agreed to work together on multimedia developments last year. The cultural shift was as great for ICL as for its parent. From marketing large mainframes it had to focus on the home market, education and entertainment.

McKinsey, the management consultancy, worked with the company for four months to help ICL understand the dynamics of such a new market. The first fruits - kiosks systems for the retail and financial services industry - are now on trial with customers such as Argos, Woolworths and the Nationwide Building Society.



Darth Vader in TIE Fighter, from Lucas Arts, the games subsidiary created in the early 1980s by Star Wars director George Lucas

## Film empire strikes back

Games are feeling the force of Hollywood, says Alice Rawsthorn

Any Star Wars buff who ever dreamt of fighting the Rebel Alliance by flying an Imperial starfighter can now act out their fantasies by buying TIE Fighter, one of the dozens of new computer games on sale this Christmas.

TIE Fighter is the latest launch from Lucas Arts, the games subsidiary created in the early 1980s by George Lucas, director of Star Wars, at his state-of-the-art entertainment laboratory at San Rafael, California.

Mr Lucas, who dropped out of the Hollywood mainstream over a decade ago to pursue his passion for technology, was a pioneer of the use of movie themes and characters in games. His Star Wars games often feature at the top of the computer games charts and the Hollywood studios are now racing to follow Lucas Arts into the games sphere. Time Warner earlier this year

acquired Renegade, a games software house. New Line, the film company owned by Ted Turner, the new-media mogul, recently formed a \$50m (€38m) joint venture with France's Havas to develop a global games business. Even record companies are muscling into the market. Motown, the music label owned by PolyGram, recently launched a Motown Games subsidiary.

The next convert to the games sphere is expected to be Walt Disney, which is expected this week to announce plans for the formation of a new interactive entertainment division. Disney, like other studios, presently licenses its characters for use in games devised by other companies such as Sega and Nintendo, the Japanese games specialists.

The catalyst for Hollywood's sudden surge of interest in computer games is the emergence of the new generation of disc-based games. The games market has since the early 1980s been dominated by the

16-bit cartridge consoles made by Sega and Nintendo.

For the past year or so the market has been moving towards disc-based games played on home computers and multimedia machines that are able to play CD-Roms, or interactive discs. Lucas Arts and other companies have already made the most of the enhanced qualities of disc medium to create more sophisticated games. They will be able to reach new levels of sophistication with the next wave of change - the launch of the 32-bit and 64-bit disc-based games, that are now being introduced in Japan and will come out next year in the US and Europe.

"There's no doubt that CD-Roms and the new games formats could become a phenomenal growth market," says Michael Lynne, president of New Line in New York. "All the attributes of a motion picture will soon be available on a computer screen, so we can apply our skills to create games and informative 'educational' products." New Line, like the other studios, plans to become more aggressive at adapting its movie concepts into games. However, Randy Komisar, president of Lucas Arts, suspects that Hollywood may have underestimated the complexity of the games market.

"There is scope to use the techniques of movie-making in a game - we do it all the time," he says. "But film is a linear medium and a game is a virtual experience. If you take the content of a movie to use in a game, it must be developed so that it is exciting and engaging in an interactive context."

## A guide to UK telecoms

## Take me off to the high-tech ballgame

By Alan Cane

When the UK telecommunications industry offered little but POTS (plain old telephone services), choice was easy. There wasn't any.

Now that privatisation and deregulation have brought in PANS (pretty awesome new stuff), it's easy to become confused. What operator to use? What tariff to pick? Which mobile phone service? The options seem endless, and the individual companies do little to help the poor consumer choose.

Which is where The Deregulated Phone Book comes in handy. This simply produced, cheap and comprehensive guide to the UK telecoms scene is intended for domestic phone users and for businesses.

Richard McBrien, the publisher, says: "The average user still thinks a phone is just a phone, and that there is no real alternative to BT, except perhaps Mercury. One of the aims of the book is to change this culture."

The book is published by Running Heads, 32 East Dulwich Grove, London SE22 8TW. Tel 071 739 4096. Price £9.95.

Jay Mariotti, racing his deadline for the Rocky Mountain News, types on his lap-top the closing words of his report. An earthquake has cut short the baseball World Series at Candlestick Park on the bay of San Francisco, interrupting the game between the Giants and the Oakland Athletics.

Tremors have rocked the press box. The stadium has been evacuated. Mariotti has a very big story. But even though he is a pack-leading techno-journalist, how does he file from a disaster zone?

Anecdotal, sports-writers are the most versatile professionals of their time: fast to recognise and adopt the technologies that can make their working lives easier; routinely meeting deadlines that would give other journalists nightmares. They own arsenals of media machines.

To do his job, a typical US sports-writer will have a lap-top, micro-cassette recorder, mini-TV (to monitor a game while attending another), a radio and a car telephone as well as a home fax machine and a powerful computer.

The Chicago Bulls basketball

team recently brought their press room up to state-of-the-art standards. But such conditions are rare. More often, sports-writers have to find ingenious ways to send their stories, surmounting technical difficulties that would appal colleagues on other newspaper desks.

"It's not enough to be a sports reporter any more," says Michael Mulligan of the Chicago Sun-Times, assigned to follow the Chicago Bears football team this season. "Now you have to be a computer expert and a phone expert as well."

Writers are responding - quickly - to the waves of change sweeping through sports generally, for sports organisations have also swiftly utilised the so-called information superhighway.

The NBA's Faxback service allows users to dial in to the NBA's database from a fax machine anywhere in order to call up statistics and press releases on any team or player 24 hours a day. Details can be faxed or uploaded into users' computers.

Sports coaches are taking analysis of games to extremes by using new technologies.

Gone forever are the days when Adolph Rupp, basketball coach at the University of Kentucky, could post his play-book to his opponents with a covering note: "Here's what we're going to do. Try to stop us."

Game analysis is now a science. For a long time, sports coaches have been using video. "We even look for video cameras in the shower," says defensive end Trace Armstrong of the Chicago Bears.

Further ahead, the possibilities offered by virtual reality devices are exciting. The day may not be far distant when a boxer or soccer player rehearses for a fight or game against a specially-programmed virtual double of his opponent.

Exactly how, in the end, did Mariotti file his story from the devastated San Francisco World Series stadium? Answer: he found a single intact telephone cable in the damaged stadium's parking lot. A colleague saw him, and within minutes 20 international sportswriters had lined up - in time-zone order - with their lap-tops. They may be techno-journalists but, strange to relate, sports-writers are also gentlemen.

**No FT, no comment.**

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**FT**

FINANCIAL TIMES Newsletters



## BUSINESS TRAVEL

## Wind shear

The first commercial aircraft with instruments to warn the pilot of potentially fatal wind shear flew from Washington to Cleveland last Wednesday.

Wind shear is a sharp difference in the speed of air movement from one spot to another nearby. It becomes a hazard to aircraft, primarily on take-off or landing. By the end of next year, every airliner - domestic or foreign - landing in the US will be required to have similar equipment.

"This is a significant step forward in aircraft safety," said Chuck Miller, president of AlliedSignal, which makes electronic systems for aircraft. The system has been three years in development.

Continental Airlines flight 1657 had little use for its bad-weather instrument on the maiden flight last week. If there had been turbulence containing microbursts - brief, powerful gusts of air, usually moving straight down - the pilot would have had up to 90 seconds' warning, enough time to avoid wind shear.

**Shanghai smokes**

In China's toughest move to date against smoking, Shanghai banned cigarettes in almost all public places from last Thursday.

The country's largest city has plastered "no smoking" signs everywhere from cinemas to department stores. Not even karaoke lounges are exempt from the ban, which carries fines, large by Chinese standards, of up to 2,000 yuan (\$265).

Local reporters dashed around Shanghai trying to spot offenders. But most conceded the unthinkable was happening: hardly anybody was lighting up - or "eating smoke", as Shanghai people say. There are 300m smokers in China.

## Train accidents

No passengers or staff were killed in UK train accidents in the 12 months to March 21 - for the first time since 1985.

But the number of collisions between passenger trains doubled, according to the Health and Safety Executive. There were also increases in the number of collisions between trains in stations, crossings, and level crossings.

The number of "significant train accidents" rose from 133 to 142.

## Airport tube

Heathrow airport's proposed £300m fifth terminal would be linked to the London Underground system.

LU, together with Heathrow, has applied to the UK government for permission for a £70m extension of the Piccadilly Line, giving the airport its third tube station.

The link would become operational in time for the terminal's proposed opening in 2002.

The extension is likely to face strong opposition from local people.

## German hotel

Work started last week on rebuilding the Adlon hotel in Berlin, which used to be a magnet for the rich, beautiful and powerful in pre-war Europe.

The hotel, in Pariser Platz, the square facing the Brandenburg Gate, is due to open in 1997 as a 345-room hotel in the "five-star-plus" category.

Last week Dietrich Smidt, a Thai company, agreed to buy 50.2 per cent of the Kempinski luxury hotel chain, which has a 20-year lease on the Adlon property.

## Likely weather in the leading business centres

	Mon	Tue	Wed	Thur	Fri
London	14	13	14	10	10
New York	25	25	25	26	26
Paris	10	10	10	11	11
Frankfurt	8	7	8	10	10
Amsterdam	15	14	15	10	10
L. Angeles	17	18	18	22	22
Sydney	10	9	9	10	10
Perth	10	9	9	10	10
Wellington	6	4	4	7	7

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**K**uala Lumpur (always referred to as KL by locals) is an in-between city. Visitors who come south from Bangkok are relieved to arrive in a less congested, greener city. But KL has a provincial feel about it and lacks the Thai capital's vibrancy and variety. On the other hand, those who travel northwards from Singapore are at first put off by KL's lack of efficiency and order. But, in spite of the traffic, they find a more relaxed, lively city than strictly controlled Singapore.

What is the best area to stay in? KL is a comparatively small city, with a population of less than 3m, but it seems as though everyone drives a car, all the time. The main commercial district is referred to as the Golden Triangle. Most big companies, including banks and brokerage houses, have offices there. If you are visiting industrial areas in the satellite township of Shah Alam or elsewhere in the Klang Valley (the area surrounding KL), think about staying closer to the airport.

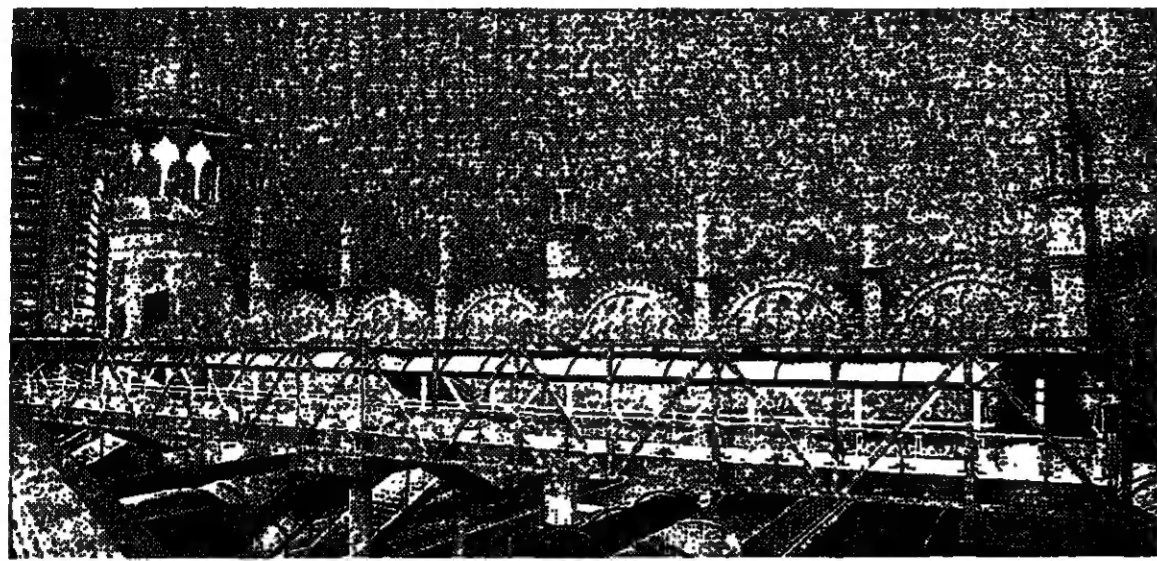
Where should I stay? The Shangri-la, in the Golden Triangle, is generally considered to be KL's best business hotel. The cost for a standard room (regardless of single or double occupancy) is M\$410 (\$160) a night, plus 10 per cent service and 5 per cent government tax. However, costs can be almost halved if you organise a corporate rate; all this involves is a call or letter to the reservations manager.

Even if you don't have such an arrangement, it is worthwhile making inquiries on arrival. The same rules apply at the Regent Hotel. A standard room there is M\$450 plus service and tax. The Regent is a short walk from the central business district but closer to the shops.

For something out of the ordinary, try the Carcosa. On a hill surrounded by parkland, the Carcosa complex was the HQ of the British during colonial

## Smart Guide: Kuala Lumpur

## The in-between city



The railway station in Kuala Lumpur - a city less vibrant than Bangkok but livelier than Singapore

times. It now functions as a state guest-house and hotel. The rate for a standard suite - non-negotiable - is M\$950. The Hyatt Regency, near the airport, has standard rooms at M\$330 plus service and tax - and an attached golf course.

Recommended restaurants? For Malay cuisine try either Sri Melayu or Yazmin, near the Golden Triangle. Both have low-key cultural shows each evening.

Extremely reasonable and appetising Indian vegetarian food can be found at Ana Lakshmi, in the suburb of Bangsar, while there is a number of

good Chinese restaurants: food at the Hakka restaurant on Jalan Bukit Bintang is among the best. It also has the advantage of having outdoor seating (offices, hotels and restaurants throughout southeast Asia seem to delight in running air-conditioning systems at near-arctic levels).

Bon Ton near the Hakka restaurant is a pleasant and subdued western-style eating place. For something more old-fashioned, try either the Coliseum or Le Coo D'Or. Sizzling steak is a speciality at both, though the elderly waiters seem to enjoy abusing customers.

How about entertainment? The nearest KL comes to distinctive entertainment after hours is at the Boom Boom Room, under the shadow of a church in one of the older sections of the city. There is good music and an interesting, slightly daring array of shows, many featuring transvestites dressed in their best. Don't go before 10pm. Another doubtful establishment is the Top End club in Wisma Stephens, in the business district - very badly lit, so be careful.

Otherwise KL has the usual range of discos, pubs and yuppie bars, which look dreadfully similar all over

the world. Cee Jay's and Uno's, both near the Shangri-la, have good music. What are the local business quirks?

Don't expect to settle anything on the telephone or by fax. Malaysian business people, like most in the region, want to see potential business partners. Though the Chinese make up only about 35 per cent of the population, they control the bulk of Malaysia's economy. Finding out who is who is vital. Even the bigger corporations tend to be tightly controlled by one man.

Getting around? Traffic problems mean that it is unwise to aim for more than three or four appointments a day. Taxis are reasonable and can be hired by the hour. However, hiring a hotel limousine is usually more comfortable.

Suppose I have a spare day? It is relatively easy to get out of KL, but make sure you go at non-peak hours. Malacca, on the coast, is about 2½ hours away by car (airport taxi drivers offer good rates for such journeys). It's a bustling town with old Dutch settler architecture and streets of recently restored Chinese shop-houses. Malacca's Nyonya cuisine - a blend of Malay, Chinese and Indian - is worth trying. The Peranakan restaurant, serving Nyonya food, is in an old Chinese house in Jalan Tun Tan Cheng Lok. There is another branch on the coast just outside town.

Fraser's Hill is an old highland resort about three hours' leisurely drive from KL, founded by a reclusive colonial metals trader at the turn of the century. At 1,530 metres, it offers cool nights and fresh air, and there is a pleasant nine-hole golf course. You can stay in bungalows where cooks serve up mushy peas and apple crumble. The jungle round Fraser's is slowly being ruined by some appalling construction work, so go soon.

Kieran Cooke

## When smoke gets in passengers' eyes

Imagine sleeping away the overnight flight from San Francisco to London in a comfortable, non-smoking Upper Class seat on a Virgin Atlantic jumbo - only to be woken by waves of smoke puffed out 3ft away, writes John Westbrook.

It happens because Virgin Atlantic has replaced a central block of Upper Class seats with a lounge: a circular table surrounded by chairs but not partitioned off. In line with the airline's hedonist philosophy, the area is used for massages and manicures - and for smoking, though the seats on either side are non-smoking. This can be a rude awakening for any traveller.

The airline says it is constantly monitoring passenger opinions on the question of smoking. For example, included in its new interactive video system, which is not yet available on all routes, will be questionnaires which Virgin hopes will enable it to canvass passengers' opinions on such topics, and respond promptly.

Nonetheless, Virgin is - uncharacteristically - lagging behind the non-smoking trend. The leader is Delta, which from January 1 will outlaw smoking on any route, anywhere. The response to its first non-smoking trials a year ago was so favourable that, though it expects to lose some passengers, it is going ahead with a complete ban.

The fact that Delta is an

American airline no doubt helps. A bill banning smoking on all transatlantic flights is on its way through the US Congress. But it will be some time before anyone bans cigarettes on Middle East or East Asia routes, and some third-world airlines still spit aircraft into smoking and non-smoking sections down the middle.

Canada and Scandinavia are among those that bar smoking on internal flights. The International Civil Aviation Organisation, a UN body, wants a worldwide ban by 1996, but this will be voluntary.

Other airlines say they are responding to customer wishes without aiming at ultimate smokelessness. When it has two flights a day between two cities, British Airways makes one of them non-smoking. All its services to Australia, and all short flights to and from Continental Europe, are already smoke-free.

On the other hand, Scandinavian airline SAS last year imposed a trial ban on international flights and had to call it off after only two months, as passengers complained.

Feel free to tell your airline what you think about this issue: it will listen. Meanwhile, if you want to take your mind off your exposure to passive smoking, next year Virgin will introduce mail-order shopping and credit-card gambling on its entertainment channels.

THE AMERICAN EXPRESS

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# OPENINGS

**PARIS**  
At the Bastille Opera House in Paris, the Opera Ballet continues its residency with a run of "Swan Lake" in Nureyev's staging, beginning on Friday. Some wonderful casts throughout this month.

**MUNICH**  
An exhibition opening on Wednesday at the Lenbachhaus aims to speed up the rehabilitation of Helmut Koller (1899-1931), the German figurative artist who flourished in Paris in the 1920s. His early death, together with the theft and destruction of many of his paintings during the Nazi era, led to his neglect after the war.

**MILAN**  
Riccardo Muti adds "Die Meistersinger" to his Wagner repertoire on Wednesday, the opening night of the season at La Scala. The staging is by Andre Engel, with designs by Nicky Rieti. The cast includes Jane Eaglen, Waltraud Meier, Placido Domingo and Robert Hale.

**LONDON**  
Nigel Hawthorne (left) not only stars in "A Glandine Marriage", opening at the Queen's Theatre tomorrow, but also - for the first time in his career - directs. The play was written by George Colman the Elder and David Garrick.

**VIENNA**  
Simon Rattle's (right) flowering relationship with the Vienna Philharmonic Orchestra goes a step further this week when he returns to the Musikvereinsaal to conduct Mahler's Seventh Symphony. The first of four parts is on Friday.

## Forward planning or wishful thinking?

Antony Thornicroft talks to director of the Tate Gallery Nicholas Serota about his dreams for Bankside

Nicholas Serota has been making a list... and indulging in a pleasing fantasy: detailing the works of art that he would like to acquire for the Tate Gallery. Suddenly, his wish list is not just idle fancy. A new "Tate Gallery of Modern Art" already seems a likely candidate for a National Lottery-funded millennium grant. The building - the abandoned power station on Bankside - is in place; the short-list of architects to design the transformation is selected; the Tate is confident that it can raise £40m, half the cost, from its own resources. It is almost time to fix the opening day in 2000 and draw up the guest list.

In the meantime Serota is planning how to stock his creation. The old Tate will remain the home of British art; the new Tate, which will be roughly the same size as the old building at Millbank, will continue the international history of art where the National Gallery leaves off, somewhere around 1905.

As a new century and a new millennium starts, there might be some gentle horse-trading between our two leading art museums, which these days enjoy a good relationship. Neil MacGregor at the National Gallery might pass over a Picasso or a Braque to the Tate in return for a... or a Sargent, in a little chronological swap.

It will, however, be minor stuff. The bulk of the display at the Bankside Tate, which will total around 1,000 paintings and sculptures, will come from the Tate's current collection: half from its works already frequently on view, the other half promoted from the vaults which, through pressure of space, always constitute most of the Tate's holdings. But approaching a third of the hang at Bankside, around 300 works, will, with luck, be acquired in the next five years. These will be modern masterpieces that will plug gaps in the Tate's collection.

And gaps there certainly are. Serota checks off his want list. "We've



From famine to feast: Nicholas Serota in his office, in front of Peter Kinley's 'Yellow Flower'.

something marvellous comes up the Tate stands a chance of securing it, even if it carries a £5m price tag. This should embrace most of the masterpieces of the past generation, the area where Serota thinks the Tate can still build up a collection the equal of anything in Paris and New York.

After purchases come loans. This is the trickiest area. There are many dealers who would love to loan works by their artists in the certain knowledge that a spell on the walls of the Tate enhances their reputation and value. The Tate is circumspect here. Loans from serious collectors, and especially from artists, are acceptable, especially as a loan can, over time, merge into a gift.

The Tate has a good relationship with artists and will be looking for immediate gifts from them. This, too, can be a delicate matter: artists like to see their donations move swiftly from the vaults to the walls. In recent years the Tate has gratefully accepted a Francis Bacon triptych; a portrait head from Lucian Freud; a whole room full of works by Mark Rothko. When the Tate bought a Jasper Johns the artist threw in some sculptures and prints

## Ballet/Clement Crisp

### Knock-about classicism

The Royal Ballet's new triple bill has an awkward air. At its heart is Balanchine's *Symphony in C*, choreography that so perfectly responds to its score that a ballerina can surely never hear Bizet's early symphony without recalling the dazzle and grace of Balanchine's movement, and sense the bubbles sparkling in this champagne of the dance. On Thursday night the first was distinctly non-vintage, and in a couple of interpretations as flat as can be, but the patterns and the divine mechanics of the piece were there to see - perhaps to inspire its cast to do better next time.

On either side of Balanchine and Bizet were ranged Ashley Page with his realization of John Adams' *Fearful Symmetries* - a mechanistic score that traps Page's movement in its cogs - and William Forsythe with his favoured musical thugger from Thom Williams in *German Schwermut*, replacement for the lost Michael Clark creation. The contrast is disquieting. The Royal Ballet looks overparted by Balanchine, yet at ease in the physical glare, the deformations, of Page and Forsythe. In a season when the company has shown itself incapable of dancing its ancestral treasure *Symphonic Variations* - a performance last week was crude enough to make angels weep - it is no praise to say that the Page and Forsythe pieces were well done.

Forsythe's knock-about classicism was made bearable on Thursday by the presence of Sylvie Guillem and Adam Cooper in the *Symphony*. The dance slithers through their bodies, twisting and forcing them into aggressive, competitive behaviour. Mile Guillem dances perfectly, with an insouciant bravura and exactness in shaping wild curlicues of movement. Cooper everywhere matches and challenges her. The duet is vulgar, redeemed by its performers' no-surrender passion, but it is deleterious stuff, because anarchic about classicism.

*Fearful Symmetries* is a case of activity leading to further activity, with little of its purposeful, dancers' rampage, rush, look busy. Anthony McDonald's scenery has an exasperating vivacity, forever playing ob-suck-clever tricks by changing colour, or manifesting acid-toned shapes, or erupting with... ing. It is hyper-active, and a bore, and adds to the febrile air of the piece. Irak Mukhomedov roars with a tremendous combination of speed and dense muscular power over the stage. What he does is amazing, and oddly pointless. The rest of the cast knock themselves out in Page's garilleries, though there are hints of drama half-glimpsed in the penumbra of the set. But the piece is caught in John Adams' unrelenting musical wheels, and is dragged too far before it can call a halt.

At Covent Garden on December 6, 7, 10, 14.

## Bad behaviour? Moi?

### Sandra Bernhard on the South Bank

Halfway through Sandra Bernhard's performance at the Royal Festival Hall she reads out a letter from a fan who has nicknamed her devotion: she had been to a Bernhard concert, where, instead of watching her idol lead the attack of the Lesbian Front against the barricades of straight society, she was forced to endure Bernhard's singing. The disillusioned dyke bewailed the fact that the most starry icon of her tribe was a performer first and an activist only in the dreams of her admirers.

My letter to Bernhard would be equally bigoted - stick to singing and cut the reveries. They are too predictably camp, sending up with phoney enthusiasm such sitting ducks as the intellectual powers of supermodels and the fantasy of true romance. Sing, Bernhard, sing Bernhard, sing.

Sandra B. as she tags herself, cannot fail to impress. Over six feet tall, she has the face of Mick Jagger and the dress sense of a nymphomaniac. No wonder her slowly remorseless version of "Sympathy For The Devil" brings Lucifer into the auditorium more potently than the Rolling Stones original.

Sandra Bernhard must be one of the last people you would dare to follow down a dark alley. With a suitably cowed and passive band she presents a unique act; there is no British equivalent of a singer who spends most of her act swearing at the audience, chasing hares, and subverting society - all done in the seductive voice of a siren. There is little quality control and Bernhard's own songs are beacons of self-indulgence, but she cleverly repackages familiar material. Using "Stairway To Heaven" as an intro to "Fifty Ways To Leave Your Lover" is a particular delight.

Anyone so belligerently materialistic has problems making a crowd love her, but the *South Bank* was determined to *do this* *new phenomenon*, the woman famous for being famous. She comes across as too idiosyncratic for her own good - but possesses a voice that will keep many more tedious performers in clover.

Sandra Bernhard's current show is billed as "excuses for bad behaviour": the excuses being, "me, me, me." It is fun to watch such a stylish egomaniac at a safe distance for a short time, but must be a burden to have to live with such trendiness.

A.T.

## INTERNATIONAL ARTS GUIDE

### PARIS

**GALLERIES**  
Grand Palais Tel: (1) 44 13 17 17  
● Gustave Caillebotte: retrospective of the painter and patron of art who belonged to the circle of Impressionists; to Jan 9  
Institut du Monde Arabe Tel: (1) 40 51 38 38  
● Delacroix in Morocco: Delacroix's visit in 1832, when he was 34; made a lasting impression on his art; to Jan 15 (Not Mon)  
Musée d'Art Moderne, Ville de Paris Tel: (1) 47 23 11 27  
● André Derain: 350 works spanning his entire career; to Mar 19 (Not Mon)  
Musée du Petit Palais Tel: (1) 42 05 12 73  
● From Baghdad to Isfahan: 70 Islamic manuscripts evoking the ancient civilisation of central Asia; to Jan 15 (Not Mon)  
Galerie Eyssac Tel: (1) 23 37 21/47 20 06 24  
● Klee: by Rimsky-Korsakov. Director Valéry Gergiev at 7.30 pm; Dec 10, 11

● Sadko: by Rimsky-Korsakov. Musical director Valéry Gergiev at 7.30 pm; Dec 6, 7, 9  
Opéra National de Paris, Bastille Tel: (1) 47 42 57 50  
● La Cécile Olympe: by Tchaikovsky. Choreographed and produced by Rudolf Nouraeff. Conducted by Vello Pahi/Ermanno Florio at 7.30 pm; from Dec 9 to Dec 31 (Not Sun)

### BERLIN

**CONCERTS**  
Berlin Philharmonic  
● Berlin Philharmonic Orchestra: with pianist Ewa Kupiec play Beethoven, Schumann, Britten and Stravinsky at 8 pm; Dec 6, 8, 9, 10  
OPERA/BALLET  
Staatsoper Unter den Linden Tel: (030) 2 00 4762  
● La Traviata: by Verdi. Conducted by Rizzi, production by Kirst. In Italian at 7 pm; Dec 11 (6 pm)

### TURIN

**OPERA/BALLET**  
Teatro Regio Tel: 011 8815 241  
● Lo Schiaccianoci: ballet in three parts by Tchaikovsky. Performed by the Kirov company, St Petersburg. Sun mat only at 3 pm; from Dec 10 to Dec 18 (Not Mon)

### AMSTERDAM

**CONCERTS**  
Het Concertgebouw Tel: (020) 671 8345  
● Moscow Philharmonic Orchestra: conducted by Vassili Sinaitski play Beethoven and Mussorgsky at 8.15 pm; Dec 6  
● Nikolaus Harnoncourt: conducts

the Royal Concertgebouw Orchestra to play Schumann and Bruckner at 8.15 pm; Dec 7, 8, 9

### LONDON

**CONCERTS**  
Barbican Tel: (071) 638 8891  
● Andrés Schiff: pianist plays Bach, Bartok and Beethoven as part of the Barbican Celebrity Recitals Series at 4 pm; Dec 11  
● The Dream of Gerontius: by Elgar. The London Symphony Orchestra with mezzo-soprano Anne Sofie von Otter conducted by Sir Colin Davis at 7.30 pm; Dec 11  
● Festival Hall Tel: (071) 928 8800  
● Beethoven Series: Philharmonia Orchestra conducted by Nikolaus Harnoncourt. Symphony No 8 and 6 (Pastoral) at 7.30 pm; Dec 10  
● Choral Classic Series: Royal Philharmonic Orchestra with soloists Judith Howarth (soprano), Ruby Philogene (contralto), Ian Bostridge (tenor) and David Wilson-Johnson (bass) perform Handel's, "The Messiah" at 7.30 pm; Dec 9  
● Philharmonia Orchestra: with conductor Charles Dutoit and pianist Peter Jablonksi play Tchaikovsky piano concerto No. 2 and Shostakovich (symphony No.5) at 7.30 pm; Dec 6, 8  
● Russia Old and New: Royal Philharmonic Orchestra with the Brighton Festival Chorus, London Choral Society and conductor Vladimir Ashkenazy perform Schnittke, Prokofiev and Rachmaninov at 7.30 pm; Dec 5  
● The London Philharmonic: conducted by Bernard Haitink, with soloists Karita Mattila (soprano), Ann-Murry (mezzo-soprano), Keith

Lewis (tenor), Robert Lloyd (bass) and the London Philharmonic Choir perform Beethoven Symphonies Nos. 1 and 9 (Choral) at 7.30 pm; Dec 11

### GALLERIES

Royal Academy Tel: (071) 439 7438  
● The Glory of Venice: a major survey of Venetian art in the 18th century; to Dec 14  
Victoria and Albert Tel: (071) 938 8500  
● Kalligrah: Indian popular painting 1800-1930. Rural folk art of Bengal; to Jan 15  
OPERA/BALLET  
English National Opera Tel: (071) 632 8300  
● Ariadne on Naxos: by Strauss. A Graham Vick production at 7.30 pm; Dec 8  
● Figaro's Wedding: in house debut for conductor Derrick Inouye at 7 pm; Dec 10  
● Khovanshchina: new production of Mussorgsky's opera. Director Francesca Zambello at 6.30 pm; Dec 6, 9  
Royal Opera House Tel: 071 240 1200  
● Ashton Remembered: celebration of founder choreographer Fredrick Ashton. Includes pieces by Mendelssohn, Offenbach, Massenet and Walton at 7.30 pm; Dec 9  
● La Traviata: by Verdi. A new production by Richard Eyre. Georg Solti conducts for the first five performances, then Philippe Auguin. In Italian with English surtitles at 7.30 pm; Dec 5, 8  
Mixed Programme: includes Fearful Symmetries choreographed by Ashley Page, and Symphony in C by Bizet, choreographed by George Balanchine at 7.30 pm; Dec 5, 7, 10 (2 pm)

### THEATRE

Palladium Tel: (071) 494 5020  
● Oliver: produced by Cameron Macintosh, directed by Sam Mendes. Cast includes Jonathan Pryce, Sally Dexter and Miles Anderson at 7.30 pm; (Not Sun)  
Strand Theatre Tel: (071) 930 8800  
● The Prime of Miss Jean Brodie: by Muriel Spark, adapted by Jay Presson Allen, directed Alan Strachan. Miss B. played by Patricia Hodge at 7.30 pm; to Feb 25 (Not Sun)

### NEW YORK

**GALLERIES**  
Brooklyn Museum Tel: (718) 638 5000  
● Indian Miniature Paintings: 60 jewel-like paintings from the 15th-19th century; to Jan 8 (Not Mon)  
Metropolitan  
● Early Renaissance Florence: 100 panel paintings and manuscript illuminations by masters of the Gothic style; to Feb 26 (Not Mon)  
● Origins of Impressionism: 175 paintings by Parisian artists of the 1860's; to Jan 8 (Not Mon)  
● Thomas Eakins: exhibition honoring the 150th anniversary of the birth of the artist. This installation of about 30 works from the museum's holdings explore the museum's continuing interest in Eakins; to Feb 26  
● William de Kooning's Paintings; to Jan 11 (Not Mon)  
OPERA/BALLET  
Metropolitan Tel: (212) 362 6000  
● Don Giovanni: by Mozart, sung in Italian at 8 pm; Dec 6, 10  
● Lady Macbeth of Mtsensk by Shostakovich at 8 pm; Dec 7, 10  
● Madame Butterfly: by

### Puccini 8 pm; Dec 5, 8

● Rigoletto: Italian opera by Verdi at 8 pm; Dec 11  
THEATRE  
Manhattan Theatre Club Tel: 681 1212  
● Love Valour Compassion: latest play by Terrence McNally (of Kiss of the Spiderwoman fame), directed by Joe Mantello. Sun. performance at 7pm otherwise at 8 pm; to Jan 1 (Not Mon)  
Plymouth Theatre Tel: (212) 239 6200  
● Passion: music and lyrics by Stephen Sondheim. Winner of four Tony awards at 8 pm; (Not Sun)

### WASHINGTON

**CONCERTS**  
Kennedy Centre Tel: (202) 457 4600  
● An Evening of Opera and Chamber Music: from a new opera and chamber music by Soong Fu Yuan. With soprano Yan Yan Wang, tenor Robert Brubaker, bass Don Yule, the Camerata Quartet and conductor Fu Soong at 7.30 pm; Dec 11  
● National Symphony Orchestra: conducted by Eiji Oya play Mahler and Tchaikovsky at 8.30 pm; Dec 6 (7 pm)  
**GALLERIES**  
Sackler Tel: (202) 357 2700  
● Landscape as Culture: Lois Conner travels through Asia recording architecture and landscapes with her 100 year old banquet camera; to May 30  
THEATRE  
Arena Stage Kreeger Theater Tel: (202) 554 9066  
● Misalliance: by Bernard Shaw, directed by Kyle Donnelly; to Jan 8

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### FRIDAY

NBC/Super Channel: FT Reports 1230

### SUNDAY

NBC/Super Channel: FT Reports 2230

Sky News: FT Reports 0430, 1730;



## Samuel Brittan

## No need to bribe British voters



It has become the conventional wisdom among politicians and commentators that the only hope the Conservatives have of winning the next UK election (due not later than the spring of 1997) is by extensive cuts in income tax. I have not the faintest idea who will win that election, but the view that the crucial factor is income tax cuts is fatally flawed.

The reasoning - to dignity it by that name - runs as follows. An unexpectedly sharp economic recovery has neither produced a feeling of well-being nor improved the very low ratings of the Conservatives in the opinion polls. So a further bribe by way of income tax cuts is required.

Elections, of course, are not determined by economic circumstances alone. Otherwise Margaret Thatcher's second election victory in 1983 and John Major's victory in 1992 are inexplicable. The Thatcher victory of 1983 was achieved at a much earlier stage of economic recovery than has now been reached in late 1994. The evidence suggests that the "Falklands factor", which emerged after the defeat of Argentina in those southern islands in 1982, was decisive.

Admittedly the third Thatcher victory in 1987 is more convincingly attributed to feelings of economic well-being. But the Conservative victory under John Major in 1992 remains more puzzling. The prime minister won at the bottom of a recession when unemployment was again sharply rising and the poll tax debacle a recent memory. There was no overall rise in living standards in 1991, the year before that election. The most likely explanation is that voters had already been persuaded that there had already been a change of government when Major succeeded Thatcher in late 1990 and wanted to give the new prime minister a chance.

Obviously economic well-being has a large part to play, when there are no special

UK real personal disposable income	
per annum	
Average annual increase 1970-93	2.7
1987	3.4
1988	6.0
1989	4.8
1990	1.9
1991	0.1
1992	2.7
1993	1.9
1994	-0.8
1995*	0.1%
1996*	2.3
1997*	2.3

\* Election year; \* Treasury and London Business School forecasts. Source: CBO

countervailing factors. The reason the present upturn has failed to produce such a feeling is not far to seek. The best single measure of living standards is real personal disposable income after tax. The average increase in this measure since 1970 has been 2.7 per cent per annum. But in 1994 it has actually fallen by up to 1 per cent. Take-home pay has been squeezed by the delayed tax increases announced in the two budgets of 1993, introduced when the scare about a supposed £50bn budget deficit was at its height.

The sources of the present recovery have been all exports, investment and consumer spending. The latter has been financed from a lower savings ratio rather than higher take-home pay. Such an increase does not make households feel as good as higher consumption financed from growing incomes.

But the dawn can already be seen. The last of the staggered tax increases will be levied in 1995. The way is then open for real incomes to rise roughly in line with pay, adjusted for inflation. The Budget Red Book does not forecast real personal disposable income in its tables. But there is a verbal reference to disposable incomes rising by 1% per cent in 1995, despite the residual tax increases. This is also the view of the National Institute of Economic and Social Research - although the London Business School foresees another year of the zero

growth in that measure, with recovery beginning in 1996. Even the LBS sees this variable rising by 2.3 per cent - near the long-run average - in both 1996 and 1997.

Of course these projections are fallible. But the underlying trend is for a return to normal growth of post-tax real living standards. And if the mainstream projections underestimate future economic growth, as they probably do, the rise in take-home pay will be larger still. Thus people will be able to increase consumption without running down the savings ratio any further. Moreover, as recovery continues and job totals rise, there should be more confidence in employment prospects, despite continuing reports of dismissals by particular firms.

Any feasible "tax cuts" will be only a fraction of the tax increases imposed earlier in this parliament. They will also be a drop in the ocean in their effect on living standards; and if tax cuts threaten the improvement in the public finances, even the ordinary voter who does not follow the financial markets will still pick up the confidence tremors. Labour will be able to go to town on fears about the sustainability of recovery.

Moreover, the political group has concentrated on income tax, which is now a relatively minor tax accounting for 25 per cent of general government receipts. Once the correction in the public finances has been made, there could be a modest adjustment in income tax bands in an average year to offset the way in which people creep up into higher tax brackets as real incomes rise. But unless or until there is a change in the structure of public services which voters demand of government, the great bulk of the increase in living standards will have to come from pay in the marketplace. Nor is there reason to think a once-for-all obvious pre-election tax bribe will work. To adapt English humour: Hilaire Belloc: there is no need to bribe the English voters considering what he or she will vote for unbribed.

Of the European Union's 20 commissioners, Karel Van Miert, the feisty Flemish politician responsible for competition policy, is one who frequently takes it upon himself to tell the world what Brussels is up to.

Only last week, he triumphantly announced record fines on a price-fixing cartel for the third time in a year. The cement industry was his latest target, but whether fighting collusion, blocking a merger, or approving a state bail-out, his are controversial decisions.

The former socialist MP has been reappointed as competition commissioner, for a further five years from January. But after his first two years, industry is asking whether Mr Van Miert is the right man to ensure fair play.

When Mr Van Miert took over the competition dossier from self-styled crusader Sir Leon Brittan, many expected his socialist vision to herald a less rigorous approach.

Some of these early critics have revised their views. "People have a very positive view of Mr Van Miert," says Ms Bernadine Atkins, a Brussels-based competition lawyer. "They think he has been very robust and has pursued Sir Leon Brittan's line."

Mr Van Miert has aggressively tackled Europe's highly regulated telecoms sector and reorganised the Commission's merger task force to achieve speedier decisions.

But aggrieved groups remain, among them private steel makers struggling to compete without subsidies and consumers still faced with inflated European airfares.

Mr Zygmunt Tyszkiewicz, secretary general of Unice, the federation of European industry, wrote earlier this month: "The essential corollary of competitiveness - a strict competition policy - is being applied without the necessary rigour and determination."

Criticism of Mr Van Miert's "pragmatic" approach has been most strident in relation to several vast, and highly political state aid payments, and the collapse of a joint industry-Commission steel rescue plan - which cut little capacity but distributed subsidies.

In these cases political considerations took precedence over a strict application of competition rules. One example was the decision not to prevent the French government from paying FF200m (£24m) to its bankrupt national carrier, Air France - a capital injection almost equivalent to

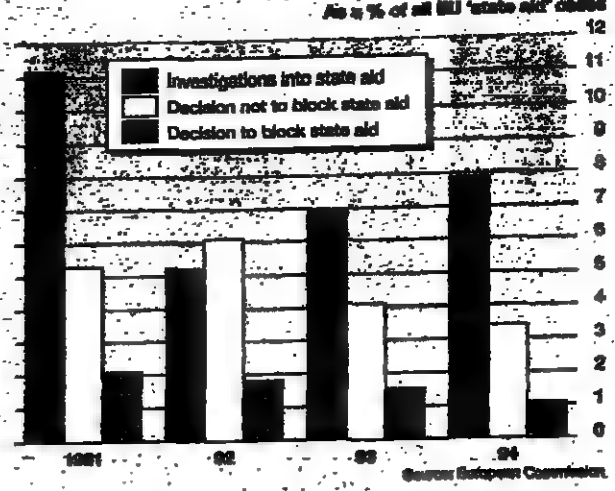
## Feisty fighter for a level playing field

Emma Tucker on the policy of Karel Van Miert, the EU's reappointed competition commissioner

European Union: competition and state aid



Karel Van Miert, EU competition commissioner



world airlines' entire losses last year, according to Sir Michael Bishop, chairman of British Midland.

In Northern Ireland, the Commission decided not to block a vast subsidy to Haulan, a Taiwanese textiles plant, which competitors said would add to capacity and threaten jobs in an over-supplied sector.

"State aids continue to be authorised too easily by the Commission," to the detriment of just those companies that have undergone the painful process of restructuring," wrote Mr Tyszkiewicz.

Mr Van Miert does not bear sole responsibility for this. Each case goes to the college of commissioners and airlines cases are handled by the transport commissioner. In cases such as Air France and Haulan, say his supporters, the capacity to sustain industrial rather than create the conditions for businesses to adjust to competitive

A pragmatic approach has allowed the persistence of contradictions within state aid policy.

Decisions are affected by a combination of national and horizontal frameworks which lead to different treatments for different industries without

any real justification," said a competition official.

In the case of Haulan, it was the application of regional development criteria that allowed Mr Van Miert to bend competition rules to allow the subsidies to be paid.

A particular cause of complaint are industry agreements covering sectors such as textiles and cars introduced originally for economic or structural reasons. "These are the result of special situations but they seem to be kept for ever," said a Commission official.

Another big criticism of competition policy is of the procedures used by directors general 4, the Commission's competition unit.

The investigation into the Haulan cartel, for example, took five years to complete. The time taken to investigate cartels, and the legal uncertainty created, upsets reasonable commercial

investments by taking investment decisions, argues industry.

The Commission has committed itself to investigating cases more quickly. However, swifter processing of cases can involve a trade-off with legal certainty. For example, when

Mr Van Miert has stressed many times that he does not intend to allow any further payments to companies that have already benefited from subsidies. But a battle is looming. Last month he disagreed in public with the outgoing Spanish transport commissioner over whether second payments should be allowed in exceptional circumstances. Mr Marcelino Oreja had said that state bail-outs could be justified under such circumstances as a currency devaluation.

This is precisely the case that Iberia, the Spanish national carrier, is expected to make when it asks the Commission for approval of a second tranche of capital.

For the sake of the Commission's credibility Mr Van Miert is likely to agree: bail-outs - one-time, last-time payment means what it says and not - as Commission officials joke - one-time, until the next time.

The blocking of a capital injection to Iberia could mean the Commission will lose the best of both worlds: its competition duties seriously; for the first time since Europe's airlines were supposedly liberalised, a state-owned, national flag carrier might go bankrupt and close down.

## LETTERS TO THE EDITOR

Number One Northbank Bridge, London SE1 1HT.

Fax 071 873 5938. Letters transmitted should be clearly typed and not hand written. Please set fax for finest resolution

## Potential to challenge Revenue

From Mr Timothy Lyons.

Sir, The Germans "face higher UK tax charges on the earnings of their British subsidiaries" following Budget tax changes ("Japanese and Germans face higher charges", November 30).

It is ironic they should do so by virtue of provisions intended, according to the Inland Revenue release of November 29, to "remove any uncertainty" over existing rules, following the European Court of Justice's decision that certain Dutch tax provisions gave rise to illegal discrimination - see *Halliburton Services BV* (Case C-459).

Whether the proposed provisions are as non-discriminatory as they first appear may be questionable. Of more general significance is the fact that the UK Inland Revenue is now openly in account of EC law in formulating proposals for new corporation tax legislation.

Company tax advisers, for their part, ought to be just as interested in applying the EC Treaty to tax laws already in force. Many significant provisions, including those relating to loss-relief for groups of companies, appear to challenge in the right circumstances.

Timothy Lyons, 34 Old Buildings, Lincoln's Inn, London WC2A 3LJ

## Petty broadcasting restriction

From Mr Andrew Stuttford.

Mr Jacques Toubon, culture minister, Jacques Toubon (The FT Interview, November 28), claims to have heard that "British delegates" in Brussels are now "more conciliatory" towards proposed EU plans further to restrict the amount of non-EU material that can be shown on European broadcast media. One can only hope that he is wrong.

In the past a policy

could, perhaps, have been remote justification in the limited broadcasting capacity then available.

Fortunately, with today's technology an excuse can no longer be made. The proposed legislation can now be seen for the petty anti-Americanism that it really is. National quotas no more belong in the TV schedule than they do in the book shop.

In defending this policy,

Jacques Toubon may well find comfort in France's authoritarian traditions. The "British delegates", however, would have no such excuse and no reason to be "conciliatory". The free flow of ideas should not be negotiable and the sooner this is explained to the European Commission the better. Andrew Stuttford, 280 Park Avenue South, New York, NY 10017, US

## Feeder-reliever airports supported

From Mr Keith Boyfield.

Sir, Mr D J Hopkins, chairman of the British Air Transport Association, has clearly not read my report, *Flows* (Letters, November 28), published by the Adam Smith Institute (Letters, November 28). Otherwise he would not have made so many elementary errors in writing about my study which puts the case for developing Northolt and Redhill as feeder-reliever airports.

For instance, Mr Hopkins appears to be under the misapprehension that feeder-reliever airports could only handle "aviation", but my recommendations envisage feeder-reliever airports accommodating aircraft handling up to 120 passengers at Redhill and up to 160 passengers at Northolt.

My proposals hinge on the observation that there is no realistic possibility of constructing additional full-scale

runways at either Heathrow or Gatwick. The political opposition to such a move is just too great. I agree with Mr Hopkins when he points out that "new capacity must be provided where it will expand and complement existing facilities along the Heathrow-Gatwick axis". This is precisely what Northolt and Redhill offer.

As I stress in my report, these two feeder-relievers could also accommodate many of the aircraft serving regional cities as well as restoring services to airports such as Liverpool and Humberside. Indeed, it is estimated that more than 25 per cent of the aircraft currently using Gatwick, but carrying a mere 5 per cent of passengers, could transfer to Redhill. In peak times, the percentage of aircraft at Gatwick would fall from 33 per cent to 28 per cent, thus freeing a substantial number of slots at Gatwick's single runway.

Mr Hopkins is also badly

informed when he asserts that the airline industry is not fully supportive of this bold initiative.

TWA, American Airlines, Manx and the European Regional Airlines Association are just a few of the airlines and industry groups that have indicated their support for the concept of feeder-reliever airports. The ones I envisage at Northolt and Redhill are only one carrier supported by the BAA's proposals and British Airways appeared as an

Finally, the sale of RAF Northolt, coupled with the lease-back of an improved VIP terminal, would enhance rather than detract from the facilities available to the Queen's Flight and ministerial flights. Keith Boyfield, 100 Wardrobe Place, London EC4V 3AH

## No place for mutuality in Halifax and Leeds building societies

From Mr Trevor Harvey.

David Miles is wrong on at least two counts when he refers (Letters, November 30) to the obligations building societies have to their members. First, building societies do not repurchase depositors' claims - they give members their own money back. Mr Miles's implication that there is some similarity with companies not being obliged to repurchase their equity is misplaced.

Second, Mr Miles thinks that building societies have an obligation to give members their money back, when members want it. Power over when, or even if, a building society gives members their money back lies, I am

afraid, with the society. Tucked away in the rules of every society are words which say that the board has the power to suspend or limit the payment of withdrawals when, at its discretion, it considers it necessary. Societies may use such power rarely, but they do have it.

The real reasons why the Halifax has chosen to convert is simple - a mutual form of corporate governance for an organisation of its size and complexity involving 6m members simply does not work any more. Members of neither the Halifax nor the Leeds have in the past nominated, voted, attended or even appointed proxies in any significant num-

bers. The operation of a credible form of mutual corporate governance has to be based upon member involvement and participation. And among the UK's building societies it just does not happen.

The fleeting exception might be when Halifax and Leeds members are asked to support the merger and subsequent conversion. The only real question at that point will be just how large the inducement will have to be to get them to do even that.

And if Mr Miles wants to know what effect the operation of financial markets will have on the Halifax directors' behaviour when it becomes equity based, all he has to do is ask Mr Mike Blackburn, the Hal-

fax's chief executive, how much he already cares about the rating that Standard and Poor awards the Halifax currently.

Whatever the strength of the strategic reasons for this merger might be, one has to applaud the Halifax board for wanting to free itself from the hypocrisy of a mutual constitution that is only being maintained by the most basic of life support systems. The kindest course of action for the Halifax is to pull the plug through conversion to end this particular form of corporate diversion. Trevor Harvey, director of resources, Astridge Management College, Berkhomsted, Herts HP4 1NS

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## FINANCIAL TIMES

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Monday December 5 1994

## Electricity grid-lock

After five years, talks on liberalising European electricity have made little progress. The European Commission is battling to win a compromise from governments which are determined to protect their energy industries. But it now risks surrendering its original goals.

One of the main aims is to bring European electricity prices in line with costs. The present wide variations in prices between member countries are not well explained by differences in costs, and distort competition within energy-intensive industries. Liberalisation would combat these distortions. An integrated European grid would also use capacity more efficiently in servicing peak demand. Industrialists are right to argue that such changes would bring cheaper electricity to many countries. But the industry poses tough problems for competition policy, partly because of its economies of scale and high fixed costs and low short-run marginal costs - in the case of nuclear power, these being close to zero. Moreover, governments understandably worry about security of national supply.

Talks have stalled over the Commission's proposal to allow power companies access to national transmission systems, so-called "third-party access". One concern has been "cream-skimming". Many national utilities cross-subsidise unprofitable customers, whom they are obliged to supply under public service obligations, with revenues from lucrative customers. Under third-party access, such public service costs would need to be identified and shared among network users.

Another concern is that countries with excess capacity would "dump" cheap electricity, Belgium and Luxembourg, in particular, worry that electricity de France could undermine their energy industries by selling nuclear power at close to short-run mar-

ginal cost. They would be wrong to turn down cheap electricity simply to protect national industries. But they have a legitimate worry about predatory pricing: if their industries disappeared, prices of imports might rise to reflect the full costs of nuclear power.

Such concerns are best answered by the provision of information about costs, and by a degree of regulation. Scepticism that countries would give a regular, necessary information may be justified. Yet without regulation, access is unlikely to deliver the hoped-for benefits, because this will not be a freely competitive market. One reason is the presence of so many public enterprises. A more specific one is the large nuclear component which markets, unassisted by governments, are loath to support.

The current stalemate may not end, since access will produce both winners and losers in the short term, even if liberalisation is in every country's long-term interest. But the Commission should resist the recent French proposal for a "single buyer" of electricity in each country. The scheme is unlikely to give even large customers a choice of supplier, or to offer national generators real competition.

If talks do not progress, the Commission could take more governments to court for breaching the Treaty of Rome's provisions on free movement of goods. But this tool is, claims the Commission, limited in its effectiveness: it tackles only questions of imports and exports, not of distribution and transport. If that route were to fail, the Commission could press for an energy chapter in the 1996 inter-governmental review of the Maastricht treaty. No route is easy, but the Commission must at least hold to the principle of third-party access, which is essential to introducing competition.

## Aid for Ukraine

Time to compromise: European Union finance ministers look set to spend today's Ecofin meeting in Brussels squabbling over whether to lend \$200m (\$27m) to Ukraine, Ecofin of which the country will immediately pay back to meet an earlier debt. Germany is pressing hard for the deal, believing that it provides the EU with a cheap opportunity to do considerable good. France and the UK fear that the deal would set a dangerous precedent for the future. But the Ukraine's reform efforts are stalling over such a paltry sum would be more dangerous still.

Ukraine's president, Mr. Leonid Kuchma, has taken the country a long way in recent months. Private land ownership has been legalised; agricultural and energy prices have been brought close to world levels; and the budget deficit is at last, slowly, being brought under control. Recognising these and other achievements, the International Monetary Fund is negotiating a \$1.5bn (\$210m) stand-by loan to support Mr. Kuchma's efforts. As ever, the cloud hanging over Ukraine's brighter economic future is the trade account.

Ukraine needs to find a way to all the looming \$1bn gap in its balance of payments for the fourth quarter of this year. The IMF has pledged to provide around one third of this figure, while the US, Canada and the Netherlands have

offered around \$100m between them. A show of support from the EU would unlock further funds from the US and other G7 countries, and a much-needed debt rescheduling agreement from Russia, Ukraine's chief energy supplier and creditor.

The British and French governments oppose the deal on the grounds that the EU is not in the business of making loans to distressed countries. Only one country - Moldova - has been granted similar support in recent years. And the Moldovans, at least, had already reached a formal deal with the IMF, and were therefore locked into a full-scale macroeconomic reform programme.

Russia ought not to be in the balance of payments financing business either. Yet, as Ukraine's largest energy supplier, it has provided more than \$5bn in import financing over the past two and a half years, mostly in the form of unpaid bills. The Russian government has accepted that its help will continue to be needed for a while yet. But it understandably balks at the prospect of continuing a task which the EU values at less than \$200m. A gesture is needed. The ministers could pledge the money now, on condition that it is disbursed only when Ukraine's IMF facility is formally in place. But pledge they must.

## After the round

The US Senate's approval of the Uruguay Round has removed a great uncertainty overhanging the future of the world trade system. The trade deal's passage through Congress guarantees that it will go ahead, and that the World Trade Organisation will be set up as planned. Now that the foundations of the new order have been secured, work on its construction must get under way in earnest.

The first priority is for other Gatt members, many of which have held back from ratifying the round until Congress voted, also to complete the process. The EU bears a particularly heavy responsibility, since any slippage on its part could delay implementation of the round. But it is desirable that as many other countries as possible also be ready to participate in the WTO from the outset.

The second priority is to appoint a leader for the organisation. Gatt members are due this week to try to choose between three contenders: Mr Carlos Salinas, Mexico's former president; Mr Renato Ruggero, a former Italian trade minister; and Mr Kim Chul-su, South Korea's trade minister. However, regional and political rivalries risk producing a stalemate.

That threat must be averted if the WTO is to fulfil the ambitious mandate given it by governments. The organisation's success depends crucially on strong and

clear-sighted leadership, particularly in its early years. Failure to agree quickly on a candidate could leave it directionless. At least as damaging would be a repeat of the recent compromise over the top job the Organisation for Economic Co-operation and Development, where Mr Jean-Claude Paye will continue as a caretaker for a further two years.

The third pressing task is to conclude negotiations on China's WTO entry. China's effective integration into the multilateral trading system is vital to the future of the world economy. However, progress in the talks has been hampered by obduracy in both Washington and Beijing. The former continues to insist, unreasonably, that China join the WTO as a developed country. However, the latter still seems to be talking at the basic obligations of Gatt membership and the constraints they impose on policy.

Congressional approval of the Uruguay Round should allow the Clinton administration more scope for flexibility on this issue. However, Beijing must also provide more convincing evidence that it is genuinely committed to respecting international rules. If the gap cannot be narrowed soon by the two governments' trade negotiators, their leaders may need to intervene directly in an effort to reach a political settlement.

It is an irony that a confectionery company named in honour of the Great October Socialist Revolution of 1917 promises to open a new chapter in Russia's capitalist development. But the public share issue that the Red October enterprise launches today may have a significance far beyond whether the Moscow company recovers Rb100m (\$32m) to upgrade its production lines for its Chumsky Bear chocolates and Lobster Tail sweets.

The broader purpose of the issue is to construct a model for raising finance that can readily be copied by other companies. If successful, it could show Russian companies how they might access untapped pools of domestic and international capital to fund their investment needs.

The architects of the issue, which include the UK government's Know-How fund and a small army of Russian and foreign advisers, also aim to strengthen the local stock market infrastructure. By linking brokers and financial institutions through this issue, and encouraging the public to invest in productive enterprises rather than speculative ventures such as the MMM pyramid scheme, the project can help to broaden the shareholder culture. The Know-How fund is paying for nine companies in five Russian cities to follow Red October's path.

"This issue is about more than whether one small confectionery company can raise some money. It is about how to point 14,000 cash-starved privatised companies towards available sources of capital," says one Moscow-based stockbroker.

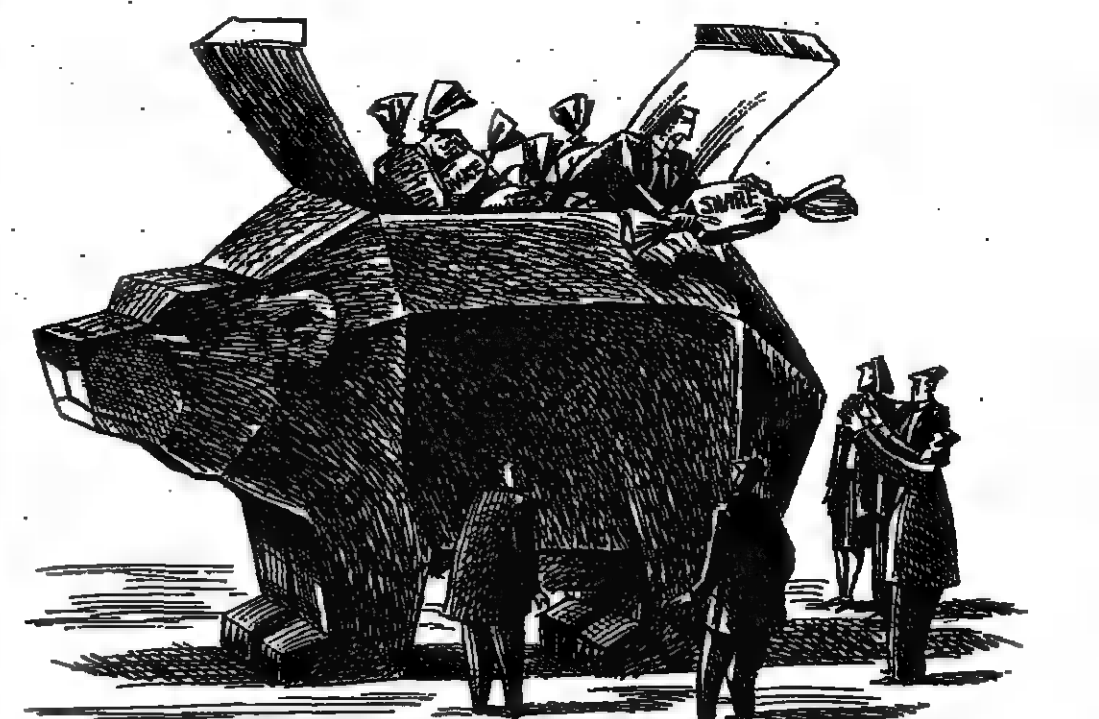
One perverse by-product of Russia's vast and rapid privatisation programme has been to create a back-to-front capital market structure. Russia is perhaps unique in having created secondary markets, which sprang up to trade the shares of the newly privatised companies, before it developed primary markets where companies could issue shares to raise fresh funds.

The reformers in the Russian government are aware of this weakness and are intent on rectifying it. In an interview with the Financial Times last month, Mr Anatoly Chubais, recently appointed to first deputy prime minister after spearheading the privatisation programme, defined the government's two chief goals for next year as economic stabilisation and the development of effective securities markets.

Mr Chubais believes these processes must go hand in hand. If inflation is 15 per cent a month, nobody will invest - even in sound enterprises; but economic stabilisation cannot be achieved if Russia's companies still have to rely on inflationary state credits. "Our citizens must be stimulated to buy shares in serious industrial enterprises," he said this week. "People do have money and are ready to

The Russian government aims to make investing in private companies more attractive, says John Thornhill

## Temptations held out to shareholders



invest it in amounts the federal Treasury could not even dream of."

He suggested domestic savings had increased this year from Rb5,000bn in January to Rb20,000bn by November. Terms of Russian and western experts are working feverishly to create the mechanisms and legal framework to enable this savings pool to be sucked into productive investments. Red October is perhaps as good a place to start as anywhere. Founded in 1897 as Eisner, after the German entrepreneur who created it, the Red October subsequently grew into one of the best-known companies in Moscow. Its products have been popular with generations of Russians who have a penchant for sticky sweets.

Its highly visible, occupying a famous red-brick complex on an island opposite the Kremlin, is a Moscow landmark. It is not hard to imagine the day when the site alone could be worth more than the company's nominal valuation. Like all Russian companies, Red October has severe problems, but at least it is financially stable - making

profits of Rb10,500m on sales of Rb17,200m in the first six months of the year - and appears to have good growth prospects. Despite being Russia's biggest confectionery company, Red October accounts for just 3 per cent of the national market.

The big western groups, such as Mars, Cadbury Schweppes, Hershey's and Nestlé, are flooding the country with their products and may pose a serious long-term threat. But these multinationals claim to be expanding the market as a whole, rather than grabbing share.

The share issue itself is divided into three tranches. Of the \$3m on offer, 1.5m have been reserved for Russian institutional investors, such as banks and the pension funds, which are expected to have a keen appetite. Another 1m shares have been allocated for international investors and will be marketed in London through James Capel, the stockbroker, where the extent of the interest remains to be seen.

Many western fund managers appear to have taken the conceptual

leap that Russia is a country in which they want to invest. The progress on economic reform and the relative political stability of recent months, combined with the seemingly low valuations of Russian assets, have already attracted speculative funds. But mainstream investors remain deterred by the rudimentary nature of the market infrastructure and the lack of information on company performance.

One of the most impressive aspects of the Red October issue is how far it has gone to help dispel the concern by significantly raising the level of disclosure among Russian companies. A 40-page prospectus has been produced containing a wealth of financial information, summaries of the company's history and strategy.

Nevertheless, the document candidly highlights the high risk inherent in Red October as an investment proposition. The rudimentary accounts are heavily qualified by Deloitte and Touche, the auditor. It would be impossible to launch a fund-raising exercise in a developed stock market on the basis of the

information provided. Whether the issue is judged a success, however, will depend on the appetite of private retail investors in Russia for the remaining 1m shares. Other stockbrokers, which have tried to sell shares in solid Russian industrial companies, have failed to excite much interest, being drowned out by the noise of speculative funds which promise seemingly stratospheric returns.

Red October concedes its sales pitch is emotional as much as financial. Mr Anatoly Daurysky, Red October's president, thinks many local investors will relish the opportunity to buy a "part of Russian heritage".

But there are critics of the Red October fund-raising who say such projects are too complicated and inappropriate for this stage of Russia's economic development. The expensive paraphernalia of a stock market fund raising demands too much management effort. Besides, why should Russian companies give away a big chunk of their equity when they are valued so cheaply?

"Is this a means by which the Russian equivalent of the Fortune 500 can raise capital? I do not think so," says one Moscow-based western financial expert. "It would be too much hassle to try to raise \$10m in packets of \$10 shares."

Significantly perhaps, the giants of Russian industry, such as Gazprom, the vast gas concern, and Lukoil, the country's biggest privatised oil company, do not yet see Russia's equity markets as being sufficiently developed to raise money, and are aiming to raise capital in international markets. Both have already succeeded in raising multi-million dollar debt finance packages from German and Japanese banks secured on hard-currency export earnings. Both companies are also seeking to raise money through international equity offerings. Gazprom will sell 9 per cent, probably through a private placing arranged by UK merchant bank Kleinwort Benson. Lukoil aims to sell up to 15 per cent of its equity abroad and obtain a listing on the New York Stock Exchange. It will be a tortuous process, but it has already taken on western auditors to prepare the necessary accounts and has hired lawyers and management consultants to reshape its business.

What balance between debt and equity finance, whether from domestic or foreign sources, it is clear Russian companies must find new capital from somewhere.

"If you believe in the economic transformation of Russia, you have to believe that all the services will be channelled through intermediary institutions into fixed capital formation," says one Moscow-based financier. "What is clear is that if reform is to work, the government has simply got to get out of that business."

## Signals herald growth, not inflation



PERSONAL VIEW

Is inflation about to take off in the UK? The broad picture of output levels suggests that it is. The most recent Confederation of British Industry quarterly survey revealed that 51 per cent of companies reported their current level of output as below capacity - compared with an historic average of 58 per cent. This trend is widely perceived as a sign of a resurgence of inflation - even though rising investment will partly alleviate the problem.

However, the aggregate numbers - even for manufacturing - disguise a widely varying picture at the sector level. Indeed, the main implication of the survey results on capacity utilisation is for relative profits growth in different manufacturing sectors. This means that fears of a resurgence in inflation are overstated.

It is clear that capacity shortages are heavily concentrated in basic industries at the early stages of the

production process, such as chemicals and metal-manufacturing sectors. Only 23 per cent of chemicals sector respondents reported that they were working below capacity compared with 45 per cent in January 1994. The percentage of metal manufacturers reporting that a shortage of plant and machinery is "likely to limit output over the next four months" has risen from 6 per cent in January 1994 to 64 per cent in October.

Not only is plant capacity utilisation much higher in basic industries than in the rest of manufacturing, it is much higher than at similar stages of previous cycles. This is not generally the case for the rest of manufacturing - those industries at the more intermediate stages of the production process. In "engineering and allied sectors", which account for about 40 per cent of manufacturing output, 60 per cent of respondents still report they are working below

capacity, in line with the historic average for this sector.

The further along the production process we look and the closer we get to the final consumer, the more spare capacity there appears to be. In the last survey 83 per cent of drink and tobacco manufacturers

**Manufacturers with spare capacity are being squeezed between suppliers and final markets**

reported they were working below capacity.

It is not surprising, therefore, that the price pressures which were evident in the last survey were heavily concentrated in the basic industries. A balance (the percentage of respondents replying "up" minus the percentage replying "down") of +55 per cent of metal manufacturers reported higher prices, compared with +8 per cent for the survey as a whole, even though their unit cost balance was -39 per cent, implying that margins are expanding rapidly in these sectors.

In the official producer output-price series, the highest rise over the past 13 months has been in the basic metals sector. In chemicals, a survey balance of +21 per cent reported higher prices in October 1994. In the engineering sectors, the price balance was -3 per cent and the cost balance +8 per cent, implying margins are being squeezed.

The picture that emerges is that because basic industries - at the early stages of the production chain - have much higher-than-average (and higher than is usual for this stage in the cycle) rates of capacity utilisation, they have greater price-setting ability than previously. The more intermediate manufacturers, meanwhile, with much more spare capacity, are being squeezed between their suppliers and the still-competitive final markets, to which they are closer. This picture is consistent with that which emerged from the recent company-

results season, resulting in quantum profit increases for the likes of British Steel and ICI going hand-in-hand with upgrades for companies such as BHP.

Eventually the capacity and price pressures in the basic industries may get passed through the production process, but there is currently no sign from the survey that this will happen to any significant degree in the foreseeable future.

The main implication for the next one to two years continues to be for relative sectoral profits growth rather than macro inflation. Even then, rising producer prices will be partly absorbed by the highly competitive retail and distribution sectors, particularly if consumer demand weakens further in the face of the second tranche of tax increases next spring.

Mark Brown

The author is head of strategy and research at House of Commons Securities

## All that is Gold-man?

A tricky year for Goldman Sachs draws to a close on a suitably downbeat note. Profits? But a pale shadow of last year's \$2.7bn pre-tax extravaganza. Bonuses? Commensurately lean. Adding insult to injury, one of its number has turned up his nose at the offer of a partnership - for only the second time in the firm's 125-year history.

Investment banker Kevin Conway, whose name appeared two months ago on the once so highly prized list, and who had until the end of last week to sign a partnership agreement, has broken the news to Goldman that he is off to become a senior principal at New York buy-out firm Clayton, Dubilier & Rice.

Goldman's rivals could hardly contain their glee. Surely Conway's decision - following on from a similar slap in the face to the prestigious Wall Street house delivered by another independent spirit two years ago - only went to show that partnership had lost its lustre as a guaranteed route to riches at this generally much-envied institution? The ghostly rumour of possible capital calls on partners themselves this year also resurfaced.

Nonsense, says Goldman very firmly to that piece of mischief, reminding its rivals both that the

87 partners signed up still constitute a record new intake, and that, in the last week, it has just pulled in an additional \$500m in capital from a Harvard institutional investor.

Conway's defection is of course also a feather in the cap for Clayton, Dubilier - even if one cannot help wondering just how much it had to fork out to win him.

## Taking a bath

Observer's learned readers spy greater depths of significance in Bill Rooney's decision to stage his comeback - just over a year after being kicked out of Spring Ram - via another bathroom goods supplier called Atrous. A doomed family of classical antiquity it may be, this House of Atrous, but it looks as if Rooney did his research. After all, where did Clytemnestra and her lover Aegisthus choose to murder the queen's husband, Atrous scion Agamemnon, on his return from Troy? In the bath, of course.

Another reader, meanwhile, believes the choice is not just symmetric, but prophetic, too. For it was to the House of Atrous that Bernese gave a Ram (Golden rather than Spring, but still) which conferred kingship on its possessor. In one version of the myth, Atrous carelessly loses the Ram to his brother Thyestes, and endeavouring to get it back, bids upon the idea of feeding Thyestes with the flesh of

## OBSERVER



"You don't call me a fish any more"

his own children. Which has to signify that Rooney is planning a bid for his old company during which he will make mincemeat of the current directors. Doesn't it?

## Jolly frustrated

Nice try. Next February being the 50th anniversary of Yalta, the Franklin D. Roosevelt Library and the Franklin and Eleanor Roosevelt Institute wanted to mark the famous meeting between FDR, Stalin and Churchill in some special way. The plan was to invite a troupe of scholars, historians and survivors of the original event to Ukraine.

Sadly, however, commemorating the accord which essentially delineated cold war Europe has proved unfeasible in the chaos that is the post cold war era.

So it fell to Verne Newman, director of the FDR Library, to call the thing off. Livid Palace "offers a beautiful setting", he writes, but the conditions sound like a challenge even for the most ambitious conference organiser.

"Water is trucked into villages such as Yalta because of a drought that has dried up the springs and other sources of water. The fuel shortage is also acute which means there is little heat available." There are other problems as well, apparently, "such as an outbreak of cholera".

Hence the tentative rescheduling to either Ditchley or Cambridge, in April. Not the same, somehow.

## Frontiersmen

Oh, the perils of those otherwise seductive emerging markets. The \$50m Vietnam Frontier Fund, which has Bangkok merchant bank Finance Thai controlling 70 per cent of its management company, was minded to throw a big bash for the opening of its Hanoi office.

Out went the invitations to the great and the good, whereupon the Vietnamese authorities churchily pointed out that the office itself had yet to gain approval. The whole affair has had to be postponed. If that were not enough, a

Frontier Fund director has simultaneously been delivering an object lesson in the hazards of success in the form of trophy names. When one William Colly applied for his Vietnamese visa, the powers that be had not forgotten the former head of the CIA, who had spent most of his war in Vietnam, orchestrating efforts to overthrow the Hanoi regime of the 1960s.

The application was politely rejected - demonstrating that the country's enthusiasm for US investment dollars clearly has its limits.

## C'mon boys

Today sees the award of the J O Hambro Businessman of the Year Award 1994, handed out by former Bank of England governor Lord Kingsdown.

Proceeds from the award at Savoy Hotel are destined for the Joint British Cancer Charities, while the prize goes to someone who has made an "outstanding contribution" not just to business but to the community and to the country in general.

All fine and good. But 1994? Well, that is surely the sort of date that would fit with the blurb flapping what is actually this year's award. "The occasion will be a mixed one," it states, "and we hope that wives and secretaries will be among the guests."











## COMPANIES AND FINANCE

## Century Inns poised for debut

By David Blackwell

Century Inns, which owns 100 pubs in north-east England, is planning to come to the market early in the new year. The group, which is expected to have a market capitalisation of £80m, is aiming to raise more than £30m of new equity. This would enable it to repay much of its total loan capital of £150m, also of just over £30m, reducing gearing from 150 per cent to between 30 and 40 per cent and allowing for further expansion.

Mr Alistair Arkley, chief executive, was unfazed by Thursday's last-minute withdrawal of its £30m by Ushers, the Wiltshire-based brewer. "Ours is an entirely different business," he said.

Century was born as a £22m management buy-in in November 1991. Mr Arkley, former managing director of Brent Walker Brewing and Trading, and two colleagues formed the company to buy 185 tenanted pubs from Bass.

"We quickly saw opportunities to expand," said Mr Arkley. "We probably did the fastest ever refinancing of an MBI - for very good reasons."

The management raised a further £20m and did three deals that took the company to the chain by June 1992. Mr Arkley believes his management team is strong enough to support a chain of 500 pubs - "beyond that you need

another layer of management". The team was built up as people became available after the shake-out caused by the anti-monopoly beer orders.

"We want to continue picking up pubs by tweaking debt and from the cash thrown off by the existing business," he said.

Most of the current pubs are tenanted houses. "In order to improve profits we have to get the rents up and sell more beer," he said. "Basically we are wholesalers of beer and advisers to three-year tenants."

However, he aims to expand the managed house side of the business, which comprises just four pubs at present, and sees the future in family facilities and catering.

Pre-tax profits for the year to the end of September rose from £1.9m to £2.5m on sales of £19.8m. The group's pay-able fell from £3.2m to £2.8m, reflecting the repayment of £2.5m of debt.

Mr Arkley believes the latest figures are indicative of the underlying growth in the business, which has the same number of pubs as it did the previous year. Operating profits were up 6 per cent at £2.5m in a market that fell 4 per cent.

The management, which will be selling some shares, owns 19 per cent of the business - a stake which would fall to about 10 per cent on flotation. Mr Arkley, with 67 per cent, and First Britannia, with 12 per cent, have not decided how much of their stakes to sell.

## Beverley holders to decide over CVA

By Simon Davies

Beverley Group shareholders are faced with the most crucial of recent crisis decisions, after their company proposed a Company Voluntary Arrangement to save off liquidation.

According to Mr Colin Robinson, chairman, it should be an easy choice. Liquidation would return nothing to shareholders, and only 0.5p in the pound to unsecured creditors. A CVA will offer 4p in the pound to creditors.

A CVA provides for partial repayment of creditors. It leaves a clean shell company with a solvent operating business and therefore some future.

This may be only limited consolation for shareholders who have seen the value of their investment plummet from 65p in 1990 to their pre-purchase price of 65p last June.

The company never fully recovered from its failed bid for James Watson & Co. Ltd, which cost more than £2m. A series of asset disposals in January, many to companies controlled by Beverley's directors, did little to halt the slide. The final blow was a failed takeover by a Hong Kong Chinese group, costing another £450,000 in fees.

Mr Robinson claims that Beverley has one potentially profitable business, Beverley Fluid Engineering (BFE), which has been starved of cash due to parental difficulties.

By providing a structure for repaying creditors, the CVA will take these liabilities off the balance sheet. Mr Robinson said this should add about £1.5m to Beverley's value. A CVA for its BFE subsidiary will enable part repayment of a £1.45m loan from its parent at an eventual 20p in the pound.

Beverley plans a placing to raise about £450,000, which will be channelled straight into BFE, providing the funds necessary to pay off creditors, who will receive tranches in April and May 1995, and April 1996. Creditors and shareholders meetings will both be held on December 20.

## Close Brothers to expand via £105m syndicated loan

By Nicholas Denton

Close Brothers Group, the financial bank, is expected to announce today that it has secured a £105m syndicated loan to finance further growth of its own loan book.

The funds £85m will be used to fund an increase of its own finance and leasing operations, which stands in contrast to the leading by the UK clearing banks.

"We're growing the loan book pretty quickly when others have been going backwards or sideways," said Mr Rod Kent, managing director. Close Brothers's lending has benefited from strong growth at its core clientele of domestic

small and medium-sized businesses. They have recovered more rapidly than the large companies to which UK clearing banks are most exposed.

Factoring operations, Close Brothers's own included, have reported growth in turnover of almost 20 per cent this year. Lending to small companies has also suffered from the shift of corporate borrowing from banks to capital markets.

Close Brothers obtained the loan from a syndicate led by Barclays Bank as a spread of 10 basis points over the London interbank market. That means with 60 basis points when the bank bor-

rowed last year, the change demonstrates the liquidity and narrowing of spreads in the syndicated loan market.

The bank specialises in factoring and print machinery and insurance premiums.

The loan has been at a compound rate of 25 per cent over the last four years and will at £406m in July.

Close Brothers, the fifth largest quoted UK investment bank, sustained its record of unbroken profit growth over the last decade in its last annual results. The company announced pre-tax profits for the year to July 31 ahead from £17.8m to £23.1m.

## Jacobs agrees £22m bid for Embassy

By Simon Davies

John I Jacobs, the shipping company headed by Sally Line founder Mr Michael Kingshott, has made a £22m recommended offer for Embassy Property, a group in which he has a 6 per cent stake.

Mr Kingshott, chief executive, said he intended to build up Embassy as a shipping, transportation and property group, but Embassy's largest shareholders are likely to be sold off to generate cash.

The £22m bid is to finalise the purchase of the delivery business, BRS, a subsidiary of NFG, the company.

Jacobs is offering one share for every 65 Embassy shares. This represents a 10 per cent premium on Embassy's share price before it announced negotiations for the deal. At Jacobs' closing price on Friday, this represented 1p per Embassy share, compared with the company's stated net asset value of 0.94p.

However, Mr Kingshott said: "There is unrealised value to come out of the development properties, the properties are all valued at cost and there are £16m of tax losses."

The transaction would enlarge Jacobs' issued share capital by 51 per cent, leaving Mr Kingshott with 12 per cent of the company, down from 15 per cent. The deal is contingent on shareholders' approval and 90 per cent acceptance.

He said buying into a company with property manage-

ment expertise would help develop the group's interests in such as warehousing. In addition, Jacobs is moving into port ownership. It already owns the Europort.

The company also announced that Shearwater, purchased from Mr Kingshott and partner Mr Colin Williams last June, achieved profits of £278,300 in the year to October. As a result, the vendor will receive the maximum deferred consideration of £1.1m in new shares priced at 50p.

## Board changes at Tomkins

Tomkins, the industrial company, is expected to announce a boardroom reshuffle this week. It will see the retirement of non-executive chairman Mr Michael Moore, after 14 years as a director, writes Peter Hollinger.

Mr Moore, 59, will be replaced by Mr Greg Hutchings, who as chief executive has transformed the group from a small engineering company in a textile conglomerate. Mr Hutchings will become executive chairman.

Several other directors are expected to be promoted in the reshuffle, including Mr Ian Duncan, who will become deputy chairman.

## Harmony in pub and shop deals

By Gary Evans

Harmony Property Group has announced the sale of its pub-lic houses, comprising 12 managed house divisions, to Mew, the Salisbury-based regional brewer, for £2.7m cash.

The six pubs, one leasehold and five freehold, are all in the south-east. In the year to March 31 1994, they generated turnover of £2.7m with a book value of £2.7m at the time.

In return, Mew, a subsidiary of Carlsberg, part of Bridge Properties, in which Gbha Mew has a 15 per cent stake, is selling 100 shares in the company, which will be sold to Harmony for £2.7m cash.

Mr Ian Mew, a Mew director, also holds 25 per cent of Castle. Gross income of the arcade is currently £433,000 and is expected to rise to almost £500,000 when fully let.

Harmony, which has changed from a leisure to a property based group, also announced the sale of Arion Properties, which lets residential property in Edinburgh, for £750,000 cash. Net assets at March 31 1994 were £800,000. Proceeds will be reinvested in core activities.

Harmony's interim results showed losses up from £323,000 to £802,000 in the 27 weeks to October 2, after charging a £464,000 provision this time for losses on the sale of public

houses. Turnover was £4.57m (£2.55m in the week) and losses per share came to 0.35p (0.5p).

Mr Mew said he planned a capital restructuring in anticipation of making payments next year.

Mr John Main, chairman, said Harmony was "in its strongest financial position for some years". He said the company was in the order of £1.6m, over-which had been raised and gearing was "now at a sensible level".

Mr Tony Brown has resigned as finance director and will be replaced by Mr William Melish.

## Ulster Bank paying £25m for stockbroker

By John Macnamara in Dublin

Ulster Bank, the Irish subsidiary of National Westminster Bank, has applied for approval under Irish monopo-

lies and mergers legislation to buy NCB, the second largest Dublin stockbroker, for £25.5m (£25.1m).

The deal will be subject to a payment of £10.5m with another £15m over the

year depending on performance.

Mr Dermot Desmond, the broker's non-executive chairman and 40 per cent shareholder, said he would like to see the £14m. At the time of the bid, he said he would like to see the £14m. At the time of the bid, he said he would like to see the £14m.

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## Henderson Strata net assets rise 5%

Henderson Strata net assets

had a net asset value per share of 284p at October 31 a rise of 4.8 per cent on the 27p of a year earlier.

Gross revenue for the year increased by £15,000 to £241,000. The after-tax figure dropped to £167,000 (£162,000) for earnings per share of 1p (1.36p).

A reduced dividend of 0.5p (1.4p) is recommended for the year.

CROSS BORDER M&A DEALS				
BUYER/INVESTOR	TARGET	VALUE	COMMENT	
Emerson Electric (US)	Control Techniques (UK)	\$204m	cash offer	
Cincinnati Millicore (US)	Krupp Wagon (Germany)	\$58m	cash offer	
Hewlett (US)	Unit of John Waddington (UK)	\$50m	Waddington	
Singer & Friedlander (US)	Unit of Nordbanken (Sweden)	\$45m	NS selling Carnegie	
Hotel Properties (Singapore)	Zopar (Mexico)	\$23m	Four Seasons buy	
Malabar (S Africa)	PropharmPak (UK)	\$22.1m	Buy via MY Holdings	
CRH (Ireland)	Templeglass (US)	\$12.6m	new product expansion	
Helmholtz Hanson (UK)	La Salle Partners (US)	\$12.6m	State boosts US	
Siebo (UK)	Elwell (Italy)	\$9.7m	new product range	
Ford (US)	Sarnoor (S Africa)	n/a	Another SA re-entry	

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FINANCIAL TIMES

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US\$100,000,000

Floating rate

The notes will bear

6.875% per annum for the

interest period 11 December

1994 to 11 December 1995

payable on 5 June 1995 will

amount to US\$173.78 per

US\$1,000,000

per US\$1,000,000

Agent: Morgan Guaranty

Trust Company

JPMorgan

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ACCEPTANCE N.V.

FRF 500,000,000

REVERSE FLOATING

RATE NOTES DUE

SEPTEMBER 2003

ISIN CODE:

XS0044791738

For the period

December 01, 1994

to March 01, 1995

the new rate has been

fixed at 7.3125 % P.A.

Next payment:

March 01, 1995

Coupon rate: 3

Amount:

FRF 1828.13 for the

denomination of

FRF 100,000

FRF 1828.25 for the

denomination of

FRF 1,000,000

THE PRINCIPAL

PAYING AGENT

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LUXEMBOURG

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ACCEPTANCE N.V.

FRF 500,000,000

REVERSE FLOATING

RATE NOTES DUE

JUNE 2003

ISIN CODE:

XS0044324960

For the period

December 01, 1994

to March 01, 1995

the new rate has been

fixed at 8.5625 % P.A.

Next payment date:

March 01, 1995

Coupon rate: 1

Amount:

FRF 2140.63 for the

denomination of

FRF 100,000

FRF 2140.25 for the

denomination of

FRF 1,000,000

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## Templeton

Templeton Global Strategy Sicav  
Société d'Investissement à Capital Variable  
Centre Neuhof, 30, Grand-rue, Luxembourg  
R.C. B-35.117

### Notice to shareholders

As resolved in the General Assembly of the Sicav held in Luxembourg on 30 November 1994, Templeton Global Strategy Sicav will pay the following amounts against presentation of the respective coupons:

Fund	Currency	Amount per share	Coupon number	Payment date
Templeton Global Growth Fund - Class A	USD	0.0312	1	16.12.94
Templeton Global Growth Fund - Class B	DM	0.0530	1	16.12.94
Templeton Smaller Companies Fund - Class A	USD	0.0033	1	16.12.94
Templeton Far East Fund - Class A	USD	0.0325	1	16.12.94
Templeton Emerging Markets Fund - Class A	USD	0.0808	1	16.12.94
Templeton European Fund - Class A	CHF	0.0021	1	16.12.94

Paying Agent in Luxembourg:  
The Luxembourg Bank Luxembourg  
S.A. Luxembourg

The Board will ex-dividend from December 1, 1994.

For any queries, shareholders are invited to contact their Templeton agent:

Edinburgh	Frankfurt	Luxembourg
031-469-4000	069-272-230	46 66 67-1

The Board of Directors  
December 1994

150 من الاموال



## Packer offshoot pulls out of deal with cable group

By Nield Tait in Sydney

Optus Communications, the Australian telecommunications group, has announced that it is pulling out of a joint venture with the government-owned Telstra, to build a national cable network.

This would be used both for pay-TV and local telephony services, breaking Telstra's monopoly in the latter area.

However, Optus investment, and suggestions that Mr Packer might not pursue the deal began to circulate after the government decided that it would not allow Optus Vision exclusive rights to cable any particular geographical area.

Instead, it said laying duplicate networks by Optus and Telstra would be permitted.

Optus Vision threatened to drop its cabling plans, but the government has refused to

Optus and Nine, plus two other partners, subsequently announced that they were forming a joint venture company, called Optus Vision, to build a national cable network.

This would be used both for pay-TV and local telephony services, breaking Telstra's monopoly in the latter area.

However, Optus investment, and suggestions that Mr Packer might not pursue the deal began to circulate after the government decided that it would not allow Optus Vision exclusive rights to cable any particular geographical area.

Instead, it said laying duplicate networks by Optus and Telstra would be permitted.

Optus Vision threatened to drop its cabling plans, but the government has refused to

budge. If Optus Vision is to be a threat, Telstra - which has linked up on the pay-TV front with Rupert Murdoch's News Corporation - will be the only cable infrastructure provider.

In its announcement, Optus said only that it was disappointed, but "respected Telstra's right to make its own decisions according to its own priorities".

The Telstra group, which competes with Optus in the long-distance and cellular phone markets, is currently owned by a mixture of institutional and corporate investors, including Britain's Cable & Wireless, Mayne Nickless, the AMP Society and Telstra of the US. It has said that it plans to build on the stock market next year.

## Rothmans parent ahead at midterm

By Ian Rodger in Zurich

Richemont, the Swiss luxury goods group, has reported a 13.5 per cent rise in pre-tax profits to \$253.9m (\$55m) in the six months to September 30, thanks largely to strong growth for its products in far eastern markets.

The Zug-based group said sales advanced 7.6 per cent to \$1.8bn, and operating profit was up 11 per cent to \$238m. It looked forward to "satisfactory" trading results in the full year.

Sales of the tobacco division rose 4.3 per cent to \$1.27bn. The volume of cigarette sales was slightly ahead, with the main gains coming from Japan and the UK.

Operating profit from tobacco jumped 15.1 per cent to \$249.5m, thanks to higher UK sales, price increases in France and higher sales and production cost reductions in Malaysia.

Revenues of the Vendôme luxury products subsidiary rose by 15.3 per cent to \$605m, and its operating profits gained 10.8 per cent to \$98.2m.

All the company's major product lines, including Cartier jewellery and watches and Dunhill leather goods, increased their sales. Growth was strongest in far eastern markets.

Losses on other activities widened to \$2.5m from \$2.3m, as the costs of developing the company's pay-TV interests in Europe more than offset a \$5.2m profit from the US catalogue retailing investment. Additional investment in the pay-TV networks would be needed.

Group operating profits were reduced by \$3m in good-will write-offs in the half year. In the comparative period last year, there was \$0.5m in good-will write-offs and \$12m in restructuring costs.

Pre-tax profits were boosted by net investment income of \$16.5m, down 8 per cent. Attributable profit was up 16.9 per cent to \$112.5m or \$19.64 per share in the Swiss company, which has a Luxembourg subsidiary.

## Radical changes for Stillwater

The platinum group could double production, says Kenneth Gooding

Stillwater Mining, the only producer of primary platinum group metals in North America, is to be sold on assets that include Montana-based company



one of the highest-cost producers.

Nevertheless, the new management expects it could become one of the lowest-cost producers by implementing the company plan, by making radical changes to mining methods and by building a base refinery.

This would include processing of platinum and palladium from the company's own mines, and by building a base refinery.

A "red herring" prospectus issued to international investors shows Stillwater to have one of the richest platinum-palladium deposits but also to be

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## Canadian printer in UK move

By Robert Gibbons in Montreal

Quebecor Printing, North America's second-biggest commercial printer, is finally acquiring HunterPrint, the long-established UK printer, for about \$250m (\$50m).

HunterPrint will be Quebecor Printing's first foothold in Britain and it plans further expansion soon, said Mr Pierre Karl Peladeau, president of Quebecor Group and in charge of the Canadian company's European expansion.

Quebecor Printing in turn is a subsidiary of the Quebecor Publishing Group based in Montreal and controlled by the Peladeau family.

Quebecor has been negotiating to buy HunterPrint for two years. Now it is offering 2p a share for the ordinary shares and a further amount for the preferred. It already has 64 per cent of the ordinary shares committed under its offer.

HunterPrint, after a recent asset sale, has annual volume of about \$80m. Quebecor is negotiating with trade creditors and will put new working capital into HunterPrint.

Early this year, the auditors of HunterPrint expressed "fundamental uncertainty" over its prospects as a going concern.

In August in an attempt to cut debt, the Corby-based subsidiary sold its only active subsidiary, Hardy Printers, to a management buy-out team for \$1.8m (\$282,000).

At the time, the company said that even after the disposal, it would "only have sufficient working capital for its current requirements through the continued support of its existing bankers".

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## UK jeans maker to go private

By David Blackwell

Vivat Holdings, which makes jeans under the Lee Cooper brand, is being taken private in a deal that values it at more than \$38m (\$66m).

The group, which has had a patchy trading record over the last 10 years, has suffered from the fact that 15 shareholders held more than 80 per cent of the shares.

"The status as a public company was an anomaly," said Mr Christopher Burnett, chairman since October 1991.

A new company, known as Vivat, has been set up to buy Vivat. On Friday, it claimed to have bought, or to have irrevocable undertakings on, at least 60 per cent of the shares. It is offering 65p a share cash, a premium of 71 per cent over the closing price on December 1.

Chiefco is owned by NatWest Ventures, USI Holdings, Phoenix Fund Managers and Mr Heidi Dillman, chairman of Lee Cooper Funds.

USI Holdings is part of the Singapore based Wing Tai clothing group which swapped a 20 per cent stake in Vivat for a similar stake in Chiefco. CNM, a French holding company, has sold its 28.1 per cent stake to Chiefco.

Mr William Jackson of NatWest Ventures said the company's main problem had been the lack of liquidity in its shares. "Whatever the management does - good or bad - the shares do nothing."

In the last three years the shares, which closed at 6p on Friday, have traded between 2p and 4p.

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## WORLD BOND MARKETS: This Week

## NEW YORK

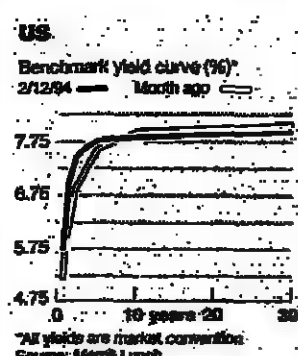
Patrick Harverson

The US Treasury market is likely to remain on the same path that led to a further flattening in the yield curve as investors preface trouble for the economy and further interest rate increases ahead.

Last Friday's remarkable gains at the long end of the maturity range narrowed the spread between two-year and 30-year yields to less than 50 basis points, half what it was less than a month ago.

The curve has been rapidly flattening as investors have bought long-term Treasuries in the belief that the economy will start to slow down next year and thus restrain any inflationary pressures in the system.

The next interest rate increase, in fact, could come a few days before Christmas. Last week's exceptionally strong third-quarter gross domestic product and November employment data indicated that the economy is growing at a faster rate than



the Fed wants. Several analysts now predict that the central bank will raise rates again after the December 21 meeting of the Fed's open market committee.

Prices should not move sharply in any direction this week given the lack of key economic releases. Only today's motor vehicle sales figures for November and the single-family home sales for October are likely to generate any reaction.

## LONDON

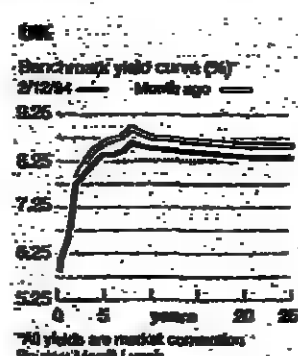
Gillian Tett

Attention in the gilt markets this week will focus on the timing of the next UK base rate rise. With few major events expected, domestic factors are likely to drive gilt movements.

Mr Kenneth Clarke, UK chancellor, and Mr Eddie George, governor of the Bank of England, hold their regular monthly monetary meeting on Wednesday. Expectations have risen that rates will be raised at this meeting. But many economists suspect that a rise is more likely to be delayed until January.

Mr Ian Shepherdson, of Midland Global Markets says: "The politics of putting up interest rates just before Christmas are very awkward. Also I can't believe that the Bank would want to imply that it did not approve of the last budget."

Ms Katy Peters of Daiwa also believes a rate rise is less likely this month. As she says: "The budget's inflation forecast means there will have



to be some quite aggressive tightening. But I think the markets have already priced in a move."

Meanwhile, Wednesday's auction of 10-year gilts will be watched closely for indications of the level of gilt demand. Today's figures on November's M0, the narrowest measure of money supply, are not expected to have much impact although many economists expect them to show the annual growth rate has slowed.

## FRANKFURT

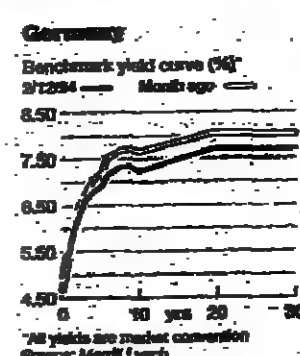
Andrew Fisher

As pressure grows in the US for a further interest rate rise after the latest employment figures, German economists continue to argue over whether the Bundesbank will produce a further rate cut in the present economic cycle before heading upwards again.

This week's crop of indicators, including third-quarter GDP, manufacturing orders for October and unemployment in November, are likely to show that the German economy continues to be fairly robust after this year's recovery.

Since the Bundesbank is known to be concerned about gathering inflationary pressures as industry's capacity utilisation continues to grow, a further interest rate cut is unlikely at Thursday's central bank council meeting.

"The Bundesbank will not ease further in this interest rate cycle," said Mr Günther Thumshagen, economist at Salomon Brothers, categorically.



Among those ranged alongside him are Goldman Sachs, Bayerische Vereinsbank and Industrial Bank of Japan. The Bundesbank, however, has tried to keep the bond market calm by suggesting that the next move could be either way.

So far, this has worked reasonably well. In two weeks' time, however, all eyes will be on the Bundesbank again when it sets the M3 target range for 1995 and thus gives a clue to its monetary intentions.

## TOKYO

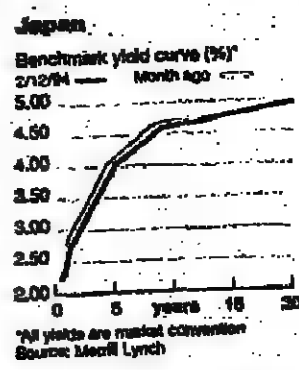
Conner Middelmann

Japanese government bonds ended little changed last week, while the JGB futures contract was up slightly on the previous Friday, the yield on the 10-year benchmark bond remained steady at 4.64 per cent.

Early this week, the market is likely to be dominated by Friday's developments in the currency markets, when the US dollar broke key resistance against the Japanese yen at ¥100 to the dollar.

The dollar's gains were fuelled by stronger than expected US employment data, which revived speculation that the US Federal Reserve may soon raise interest rates again.

Later in the week, attention will turn to Friday's release of the Bank of Japan's quarterly Tankan survey on economic sentiment.



Analysts expect it to show a marked improvement in business sentiment for the period from August to November and to confirm signs of continuing economic recovery.

"Previous cycles suggest that when the Japanese economy improves, it does so quite sharply," said Mr Eric Fishwick, an economist at IBJ International in London.

Friday's release of third-quarter gross domestic product data also provided evidence of steady growth, showing a 3.7 per cent annualised quarter-on-quarter gain, and accompanied by a chunky upward revision to the second-quarter GDP number.

## Russian bonds

## Moves to woo investors in MinFin bonds

Moves to bring greater stability to trade in Russian hard currency bonds could increase western investment in a market overshadowed recently by publicity surrounding the spectacular performance and potential of some local equities.

On Tuesday, Banque Indosuez and Morgan Grenfell - along with a number of Russian banks and other traders - formed a new traders' association which will aim to make the market for dollar-denominated "MinFin" bonds more "investor-friendly".

In 1993, the ministry of finance issued more than \$7bn of the bonds - the country's largest hard currency issue - to Russians whose dollar bank deposits were frozen during 1991's foreign exchange crisis.

Although only \$100m to \$200m of the paper is currently in the hands of overseas investors, they could become popular alternatives to the other two main classes of Russian debt, which are more widely held by European and US investors: \$1.5bn of fixed interest eurobonds, primarily

denominated in Deutsche marks, and \$26.5bn in commercial debt paper currently trading at a steep discount in the secondary market.

Trading in the five tranches of the MinFin bonds only really began this year, with investors encouraged by the government's redemption of the first tranche of some \$266m in May.

With the remaining tranches trading at between 75 per cent of face value for the shortest dated bonds to 30 per cent for the longest dated, potential

Based on a standard 3 per cent coupon, yields to maturity are roughly 15 to 20 per cent. Daily volumes reached \$100m at the end of the summer, rising sharply following the drop in the rouble in October and the accompanying increase in demand for dollar assets.

Market expansion, however, has not been without its difficulties and in recent weeks trading volumes have been as low as \$15m a day.

"Events have often pushed investors to the sidelines, creating frustrating illiquidity

exacerbating price shifts," said Banque Indosuez.

Traders say that lack of liquidity has created additional problems for investors because a single large trade can influence the entire market.

"Western institutions and investors are quite wary of market manipulation. Investors are aware of the risks but they worry about the lack of transparency," says Mr John Gibbons of Morgan Grenfell.

In particular, custody and settlement arrangements have left something to be desired. The bonds are one of the few emerging market issues for which clearing must be done in the country of issue.

Although traders insist that settlement procedures are far better than those in the local equity markets, this year's increase in activity put the system under some strain.

The new traders' association, whose founding members also include BCEN-Eurobank of Paris, ICFI-Moscow Partners, Alfa Alliance, New Alliance Corporation, Moscow Narodny and Vneshtorgbank, aims to tackle these problems by estab-

lishing orderly settlement procedures and market practices. Much of its work will be along similar lines to that of the New York-based Emerging Markets Traders Association, to which it is affiliated.

In any event, traders argue that the MinFin bonds are better value than either the eurobonds - which have been trading recently at more than 80 per cent of face value - or the commercial bank debt.

While unpaid interest continues to accumulate on the commercial debt, investors in MinFin bonds enjoy the benefit of regular interest payments - so the paper has a lower "carry" cost.

Ultimately, investors will be influenced by Russia's efforts to reschedule its commercial debt, which would involve a resumption of debt service payments and the probable conversion of overdue interest into a new bond issue.

Success would be certain to increase demand for paper currently trading at 31 to 32 per cent of face value on the secondary market, possibly to more than 50 per cent.

quarters of a lack of political will to achieve an agreement, there has been progress in recent weeks. In a research note published last month, Mr Daniel McGovern, fixed income strategist at Merrill Lynch, said he expected an agreement within three to four months.

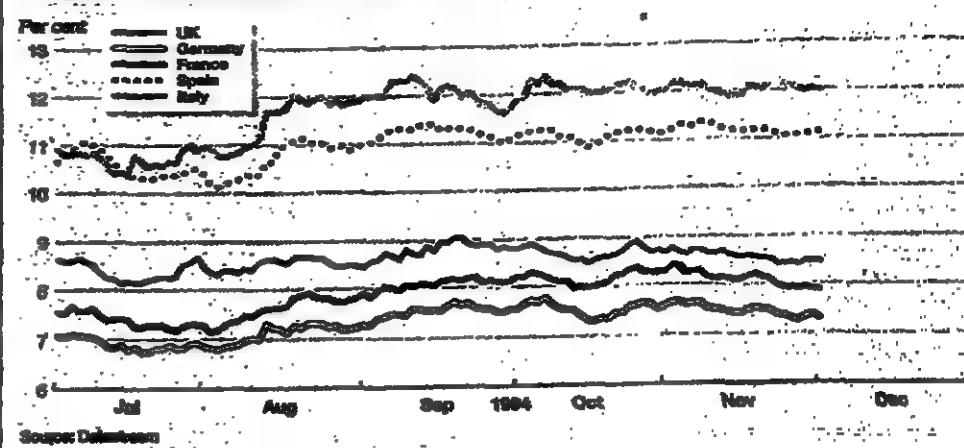
Mr McGovern, formerly chief economist to Russia's creditor banks' advisory committee, believes Russia's ability to service this agreement is quite strong. "The nascent growth in the real economy, a solid macro-economic adjustment programme for 1995, and large hard currency earnings underscore Russia's shift towards economic recovery," he says.

However, many dealers are sceptical. Following recent reports of talks, one trader said: "The market is getting a bit jaundiced." Another told Reuters: "I'm cynical... We've seen too many false starts."

For them MinFin bonds - relatively well insulated from Russia's stormy political process - may represent a better bet.

Richard Lapper

## 10-year benchmark bond yields



## DIFFERENT RATES AT A GLANCE

	USA	Japan	Germany	France	Italy	UK
Discount	4.75	1.75	4.50	6.40	7.50	5.75
Overnight	5.44	2.22	5.00	6.28	6.10	4.13
Three month	5.78	2.51	5.18	6.50	6.50	5.10
One year	7.01	2.82	5.88	6.13	6.52	7.45
Five year	7.75	3.61	6.78	6.78	11.82	8.61
Ten year	7.98	4.62	7.28	7.81	11.82	8.80

US Treasury Bond Returns (CST) \$100,000 Par of 100%

	Open	Sett price	Change	High	Low	Est. vol	Open int.
Dec	98-18	98-18	+1-03	98-18	97-30	28,947	104,325
Mar	97-25	97-27	+4-04	98-30	97-01	284,818	243,328
Jun	97-03	96-18	+1-04	98-14	96-04	842	112,169

## International

## Short-dated dollar paper in demand

Just when it seemed safe to wind down for Christmas, the eurobond market - and especially its dollar sector - last week saw a burst of primary activity.

What's more, many expect issuance to continue flowing in the next few weeks, buoyed by retail demand for high coupons on short-dated dollar paper, investors increasing their dollar exposure, borrowers seeking to complete funding programmes before the year-end and underwriters keen on boosting their standing in the industry's league tables.

"There has been a strong trend all this year, a strong bid for short-dated dollar paper, and this is likely to last for the remainder of 1994 and into next year," said Mr Stephen West, a managing director at Swiss Bank Corporation. "A lot of money in Europe is held in dollars on a long-term structural basis and this year that has been directed towards the short-end of the yield curve."

Most of last week's rush of dollar deals - 26 issues totalling \$6.1bn - was driven by demand from retail investors attracted by the coupons on short-dated US paper which, at close to 8 per cent, are high by historical standards.

Following the Federal

Reserve's rise in official US interest rates on November 18, and in anticipation of further tightening, US short-term rates have increased sharply.

"Short dollar rates have risen dramatically in recent weeks and eurobond coupons between 7% and 8 per cent for two and three-year paper look very attractive," says Mr Denis Kelleher, head of debt syndication at Daiwa Europe, who has seen especially strong demand for short-dated dollar paper in Switzerland.

Given the dramatic yield curve flattening that has taken place in recent weeks, there is now not a lot of value in the 10-year sector, and many investors have been moving shorter along the curve, with demand concentrated between two and five years," he says.

However, some investors have ventured further out along the yield curve amid growing confidence that US inflation will remain under control and that the dollar will strengthen.

Much of the retail demand this year has been driven by redemptions and interest payments, which have released a large pool of dollars to be reinvested. November saw some \$6bn in global bond and eurobond redemptions and a fur-

ther \$3.6bn in coupon payments; in December another \$6bn in redemptions and interest payments falls due.

Moreover, some investors have started reducing their positions and are cautiously returning to the bond markets.

Currency considerations are also boosting investors' appetite for dollar bonds. There is a growing belief that the US currency will appreciate next year after its disappointing performance in 1994.

"A number of investors have been underweight in the dollar this year, but they are beginning to adjust their weightings in favour of the dollar," says Mr Roger Bates, director of bond syndication at Deutsche Bank London.

Favourable swap opportunities have also lured borrowers to the short-end of the yield curve. These have arisen due to strong demand for fixed-rate assets inspired by a view among many borrowers that US interest rates are set to rise further. This has enabled many borrowers to raise fixed-rate funds and swap them for floating-rate liabilities at a rate significantly below Libor.

Another factor behind the recent issuance boom lies in the fierce competition among

bond underwriting houses to secure a top position in the industry's league tables as the year-end approaches.

"The league-table race risks overwhelming the market with supply," says Mr Bates.

Despite the heavy supply, many of last year's winners continued to find firm demand. Walt Disney and PepsiCo - probably the two most significant deals of last week's slew of offerings - were among several rare US corporate names to tap into European retail demand as funding levels significantly lower than in the US domestic market.

Furthermore, the pace of new eurobond issuance does not appear to be slowing. Spain is expected to come to the market this week with a minimum DM2.5bn offering of five-year bonds, led by Commerzbank and Bayerische Landesbank, in a deal that could mark the revival of the D-Mark sector.

South Africa and Pakistan are both preparing for an entry into the euromarkets, although they may have to wait until the new year to make their appearance.

Conner Middelmann and Graham Bowley

## NEW INTERNATIONAL BOND ISSUES

Issuer	Amount	Interest	Coupon	Price	Yield	Launch	Book cover
US DOLLARS							
Bank of Japan	200	Dec 2004	4.75	98.18	6.32	10/12/94	Edin Bank of Japan
St George Bank	200	Jan 2000	6	97.18	6.18	10/12/94	St George Bank
First Capital Bank	200	Dec 1997	6	97.18	6.18	10/12/94	First Capital Bank
Bank of America	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of America
European Investment Bank	200	Dec 1997	6	97.18	6.18	10/12/94	European Investment Bank
Commerzbank	200	Dec 1997	6	97.18	6.18	10/12/94	Commerzbank
Bank of London	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of London
Wells Fargo Bank	200	Dec 1997	6	97.18	6.18	10/12/94	Wells Fargo Bank
Deutsche Bank	200	Dec 1997	6	97.18	6.18	10/12/94	Deutsche Bank
Bank of Montreal	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Montreal
Bank of New York	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of New York
Bank of Paris	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Paris
Bank of Spain	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Spain
Bank of Sweden	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Sweden
Bank of Switzerland	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Switzerland
Bank of the Netherlands	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of the Netherlands
Bank of Belgium	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Belgium
Bank of Luxembourg	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Luxembourg
Bank of Greece	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Greece
Bank of Portugal	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Portugal
Bank of Ireland	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Ireland
Bank of Cyprus	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Cyprus
Bank of Malta	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Malta
Bank of Slovenia	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Slovenia
Bank of Hungary	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Hungary
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Bank of Bulgaria	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Bulgaria
Bank of Romania	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Romania
Bank of Hungary	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Hungary
Bank of Czech Republic	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Czech Republic
Bank of Slovakia	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Slovakia
Bank of Poland	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Poland
Bank of Romania	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Romania
Bank of Bulgaria	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Bulgaria
Bank of Albania	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Albania
Bank of Montenegro	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Montenegro
Bank of Serbia	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Serbia
Bank of Macedonia	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Macedonia
Bank of Bulgaria	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Bulgaria
Bank of Romania	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Romania
Bank of Hungary	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Hungary
Bank of Czech Republic	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Czech Republic
Bank of Slovakia	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Slovakia
Bank of Poland	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Poland
Bank of Romania	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Romania
Bank of Bulgaria	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Bulgaria
Bank of Albania	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Albania
Bank of Montenegro	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Montenegro
Bank of Serbia	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Serbia
Bank of Macedonia	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Macedonia
Bank of Bulgaria	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Bulgaria
Bank of Romania	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Romania
Bank of Hungary	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Hungary
Bank of Czech Republic	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Czech Republic
Bank of Slovakia	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Slovakia
Bank of Poland	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Poland
Bank of Romania	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Romania
Bank of Bulgaria	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Bulgaria
Bank of Albania	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Albania
Bank of Montenegro	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Montenegro
Bank of Serbia	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Serbia
Bank of Macedonia	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Macedonia
Bank of Bulgaria	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Bulgaria
Bank of Romania	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Romania
Bank of Hungary	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Hungary
Bank of Czech Republic	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Czech Republic
Bank of Slovakia	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Slovakia
Bank of Poland	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Poland
Bank of Romania	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Romania
Bank of Bulgaria	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Bulgaria
Bank of Albania	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Albania
Bank of Montenegro	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Montenegro
Bank of Serbia	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Serbia
Bank of Macedonia	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Macedonia
Bank of Bulgaria	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Bulgaria
Bank of Romania	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Romania
Bank of Hungary	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Hungary
Bank of Czech Republic	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Czech Republic
Bank of Slovakia	200	Dec 1997	6	97.18	6.18	10/12/94	Bank of Slovakia
Bank of Poland							



EMERGING MARKETS: This Week

The Emerging Investor / Patrick McCarry

# Brazil pins growth hopes on reforms

Brazil's volatile stock market has shown spectacular growth this year and, with a new currency bringing down inflation and a modernising new president about to take office, many analysts are tipping it as the star emerging market for 1995.

They point to Brazil's economy of 157m potential consumers, a dynamic private sector operating at well below capacity and a stock market they regard as heavily undervalued when taking into account the country's growth potential.

There's a lot of excitement at the prospect of Brazil returning to its heyday of the 1960s to 1970s when its annual growth rate averaged 7 per cent, says Ms Emily McLaughlin, a director at London-based Foreign and Colonial Emerging Markets.

Although trading has recently been sideways or down, the São Paulo stock market's selected index of the 55 most traded shares has appreciated by nearly 70 per cent this year thanks to optimism about the new Real currency, which has led to a sharp fall in inflation, and the prospect of economic reforms under future president Fernando Henrique Cardoso.

But there are doubts. Some investors remember that a year ago Mexico's market was being touted as one of the great prospects for this year, but has instead fallen victim to a combination of political in-

fluence and poor company results.

The prospects for Brazil's market, which had a capitalisation of \$190bn at the end of October, depend on the introduction of economic reforms to provide a base for long term company earnings growth, say analysts.

These reforms include tackling an unwieldy system of public finances, a complicated and inefficient tax system and a social security system facing severe funding problems as well as speeding up privatisation.

There is little likelihood of quick progress early next year. Mr Cardoso, who takes office on January 1, is naturally cautious and will have to negotiate reforms with a new Congress which takes office in mid-February.

Mr Robert J Pelosky, chief strategist at Morgan Stanley Latin America Research in New York, is sceptical about how quickly Brazil will move on reforms and he notes that the selected index has appreciated by about 300 per cent in the last two years, much of that due to expectations of economic stability.

The easy money has been made in Brazil and next year the government will have to take some tough decisions. It will be a gradual process, he says, adding that the Brazilian market is comparatively expensive, trading at 19 times estimated 1995 earnings.

**Top ten performing stocks**

Stock	Country	Index 2/12/94	Week on week change %
Yapi ve Kredi Bankasi	Turkey	0.1023	0.0227
Turk Dism Dokum	Turkey	0.2101	0.0571
Cukurova Elektrik	Turkey	0.2610	0.0571
Baglas	Turkey	0.2647	0.0489
Sul Gas North	Pakistan	1.4216	0.2459
Telatypos	Greece	5.1150	0.8294
Micheniki	Greece	14.9939	2.2621
Alkto Holding	Turkey	0.8322	0.1220
Grupo Financiero Banamex	Mexico	7.0400	0.8018
Brise	Turkey	0.2074	0.0216

This scepticism appears to have been partly realised by investors recently.

Since Mr Cardoso was elected on October 3 the selected index has fallen by about 20 per cent due to profit-taking and the rise in international interest rates as well as investors' belief that the reform process will be slower than first expected and that privatisation of companies such as Telebras, the telecom holding group, and Petrobras, the oil company, are unlikely in the short term.

The market has also been worried about the precariousness of some parts of the financial system during the current stabilisation.

Two weeks ago the selected index fell 12 per cent after worries about a central bank liquidity squeeze, which has led to the liquidation of seven small banks since the Real was launched in July. A central

this year the net inflow has been \$3.4bn and few analysts expect a huge inflow of foreign capital early next year.

Analysts point out that Brazil, like other emerging markets, has been hit by the turbulence in world interest rates this year.

"As usual Brazil is going against the tide. Just as international interest rates are attracting money away from emerging markets the country is about to implement reforms," says Mr Roberto Serwaczak, head of trading at brokers Barings in São Paulo.

And Mr Pelosky notes that Brazil could be a target for profit-taking by overseas investors: "Worldwide stock markets are under pressure and Brazil would be one of the obvious markets for profit-taking because of its gains this year."

A reduction in overseas portfolio investment could, however, please Brazil's central bank which has been concerned about a large inflow of foreign exchange contributing to an overvaluation of the Real.

The new currency has appreciated by about 15 per cent against the dollar since its launch and although this has helped keep inflation down, by making imports cheaper, many Brazilian exporters are suffering.

To signal its concern about dollar inflow the bank announced in October a 1 per

cent financial operations tax on new foreign money brought into the stock market.

Analysis believes the bank is unlikely to increase the tax unless there appears to be a serious threat to the Real's stability caused by a high dollar inflow. The government, say bankers, is keen to develop Brazil's stock market with the help of foreign investment and it will probably need overseas investors for its privatisation programme.

Some analysts believe the only substantial sell off next year will be Light, the electricity company, although Companhia Vale do Rio Doce, the iron ore mining giant, is a possibility.

This lack of privatisation perspectives has led some investors to switch to second line private sector companies, particularly in consumer related areas expected to benefit from increased purchasing power following the fall in inflation.

The trend has been reflected in the performance of the FGV-100 index, which tracks private sector non-bank shares.

So far this year, and especially in the last three months, it has outperformed the selected index, which is dominated by government-controlled companies.

The FGV was up 176 per cent in dollar terms at the end of November compared to a 71 per cent advance for the selected index.

## News round-up

### Slovakia

Slovakia plans to start the second wave of its programme of offering shares for investment coupons on December 15. The first bidding round will commence next month, the finance ministry said. About 60 per cent of Slovaks have registered.

### Macedonia

Macedonia's privatisation agency is understood to be pressing the government of the former Yugoslav republic to allow it to set up a stock exchange to aid structural reform.

The agency has sold some 30 state-owned companies, worth \$8m, out of a total of 1,800 since it was set up at the beginning of this year.

### Israel

First International Bank of Israel has introduced an instrument that will allow domestic investors to invest in the dollar-denominated continuous foreign exchange market, agencies report.

Under current law, only importers, exporters, banks and foreigners can buy foreign

### Burma

A senior member of the State Law and Order Restoration Council has assured overseas businesses of fair treatment, agencies report.

The official said that foreign investment at present stood at \$1.3m. On October 20 1988, the SLORC declared a policy of moving towards a market economy after more than 25 years' experimenting with socialism.

### Economists note that the artificially high exchange rate of the kyat against the dollar, and vestiges of the former command economy still hamper Burma's economic progress.

© Edited by John Fitt. Further coverage of emerging markets appears daily on the World Stock Markets page

## CURRENCIES

# Dollar still the focus for traders

The resurgent dollar will be the focus of attention this week after breaking through the ¥100 level last Friday for the first time in two months.

The dollar recovered from about ¥96 and DML50 when the Fed intervened to support it at the beginning of November.

The dollar's recent rise appears to have been driven by higher US interest rates and improved sentiment, based on the greater credibility of the Federal Reserve recently.

Some investors also believe that the shift in power towards the Republicans has changed the outlook for US policy, in a way which will benefit US assets and the dollar.

A strong jobs report on Friday served only to bolster the expectation of higher interest rates. This week there are no important statistical releases to watch. Instead, the focus will be on the publication of the Fed's beige book - which sets out the economic backdrop to the policy-making FOMC meeting on December 20 - and congressional testimony from Mr Alan Greenspan, chairman of the Fed.

In the UK, markets will be watching the monthly monetary meeting on Wednesday, which could result in a further rise in interest rates.

The balance of opinion favours the Bank of England waiting for the new year. An

early tightening would be well received by markets, making UK assets and sterling more attractive.

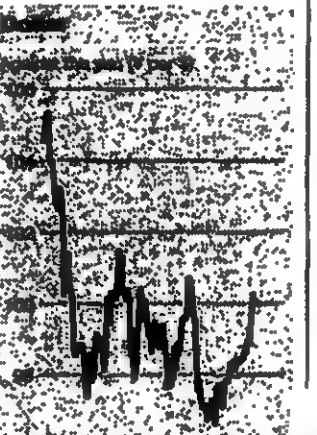
The Bundesbank council meets on Thursday, with the expectation that rates will be left unchanged. Dollar strength and fears of a further cut in German rates, have caused D-Mark weakness recently.

The market will also be watching the lira, amid renewed talk of Italy re-entering the exchange rate mechanism.

An agreement between unions and government on pensions last week helped the lira, but political uncertainty remains a constraint.



Alan Greenspan: the market awaits his words



## FT GUIDE TO WORLD CURRENCIES

The table below gives the latest available rates of exchange (rounded against four key currencies) as at Monday, December 5, 1994. In some cases the rate is nominal. Market rates are the average of buying and selling rates except where they are shown to be otherwise. In some cases market rates have been calculated from those of foreign currencies to which they are tied.

US \$				DM				YEN				US \$				DM				YEN			
	US \$	DM	YEN		US \$	DM	YEN		US \$	DM	YEN		US \$	DM	YEN		US \$	DM	YEN		US \$	DM	YEN
Algeria (DZD)	136.48	10.00	16.67	Algeria (DZD)	136.48	10.00	16.67	Algeria (DZD)	136.48	10.00	16.67	Algeria (DZD)	136.48	10.00	16.67	Algeria (DZD)	136.48	10.00	16.67	Algeria (DZD)	136.48	10.00	16.67
Argentina (P)	100.00	10.00	16.67	Argentina (P)	100.00	10.00	16.67	Argentina (P)	100.00	10.00	16.67	Argentina (P)	100.00	10.00	16.67	Argentina (P)	100.00	10.00	16.67	Argentina (P)	100.00	10.00	16.67
Armenia (AMD)	100.00	10.00	16.67	Armenia (AMD)	100.00	10.00	16.67	Armenia (AMD)	100.00	10.00	16.67	Armenia (AMD)	100.00	10.00	16.67	Armenia (AMD)	100.00	10.00	16.67	Armenia (AMD)	100.00	10.00	16.67
Australia (A\$)	0.69	1.00	166.67	Australia (A\$)	0.69	1.00	166.67	Australia (A\$)	0.69	1.00	166.67	Australia (A\$)	0.69	1.00	166.67	Australia (A\$)	0.69	1.00	166.67	Australia (A\$)	0.69	1.00	166.67
Austria (S)	13.76	1.00	13.76	Austria (S)	13.76	1.00	13.76	Austria (S)	13.76	1.00	13.76	Austria (S)	13.76	1.00	13.76	Austria (S)	13.76	1.00	13.76	Austria (S)	13.76	1.00	13.76
Bahamas (B\$)	0.66	1.00	151.52	Bahamas (B\$)	0.66	1.00	151.52	Bahamas (B\$)	0.66	1.00	151.52	Bahamas (B\$)	0.66	1.00	151.52	Bahamas (B\$)	0.66	1.00	151.52	Bahamas (B\$)	0.66	1.00	151.52
Bahrain (D)	0.38	1.00	263.16	Bahrain (D)	0.38	1.00	263.16	Bahrain (D)	0.38	1.00	263.16	Bahrain (D)	0.38	1.00	263.16	Bahrain (D)	0.38	1.00	263.16	Bahrain (D)	0.38	1.00	263.16
Bangladesh (T)	8.33	1.00	8.33	Bangladesh (T)	8.33	1.00	8.33	Bangladesh (T)	8.33	1.00	8.33	Bangladesh (T)	8.33	1.00	8.33	Bangladesh (T)	8.33	1.00	8.33	Bangladesh (T)	8.33	1.00	8.33
Barbados (B\$)	0.66	1.00	151.52	Barbados (B\$)	0.66	1.00	151.52	Barbados (B\$)	0.66	1.00	151.52	Barbados (B\$)	0.66	1.00	151.52	Barbados (B\$)	0.66	1.00	151.52	Barbados (B\$)	0.66	1.00	151.52
Belarus (BYR)	100.00	10.00	16.67	Belarus (BYR)	100.00	10.00	16.67	Belarus (BYR)	100.00	10.00	16.67	Belarus (BYR)	100.00	10.00	16.67	Belarus (BYR)	100.00	10.00	16.67	Belarus (BYR)	100.00	10.00	16.67
Belgium (F)	36.36	1.00	36.36	Belgium (F)	36.36	1.00	36.36	Belgium (F)	36.36	1.00	36.36	Belgium (F)	36.36	1.00	36.36	Belgium (F)	36.36	1.00	36.36	Belgium (F)	36.36	1.00	36.36
Belize (BZ\$)	0.66	1.00	151.52	Belize (BZ\$)	0.66	1.00	151.52	Belize (BZ\$)	0.66	1.00	151.52	Belize (BZ\$)	0.66	1.00	151.52	Belize (BZ\$)	0.66	1.00	151.52	Belize (BZ\$)	0.66	1.00	151.52
Bhutan (Nu.)	100.00	10.00	16.67	Bhutan (Nu.)	100.00	10.00	16.67	Bhutan (Nu.)	100.00	10.00	16.67	Bhutan (Nu.)	100.00	10.00	16.67	Bhutan (Nu.)	100.00	10.00	16.67	Bhutan (Nu.)	100.00	10.00	16.67
Bolivia (B\$)	100.00	10.00	16.67	Bolivia (B\$)	100.00	10.00	16.67	Bolivia (B\$)	100.00	10.00	16.67	Bolivia (B\$)	100.00	10.00	16.67	Bolivia (B\$)	100.00	10.00	16.67	Bolivia (B\$)	100.00	10.00	16.67
Bosnia (DM)	100.00	10.00	16.67	Bosnia (DM)	100.00	10.00	16.67	Bosnia (DM)	100.00	10.00	16.67	Bosnia (DM)	100.00	10.00	16.67	Bosnia (DM)	100.00	10.00	16.67	Bosnia (DM)	100.00	10.00	16.67
Brazil (R\$)	100.00	10.00	16.67	Brazil (R\$)	100.00	10.00	16.67	Brazil (R\$)	100.00	10.00	16.67	Brazil (R\$)	100.00	10.00	16.67	Brazil (R\$)	100.00	10.00	16.67	Brazil (R\$)	100.00	10.00	16.67
Bulgaria (BGN)	100.00	10.00	16.67	Bulgaria (BGN)	100.00	10.00	16.67	Bulgaria (BGN)	100.00	10.00	16.67	Bulgaria (BGN)	100.00	10.00	16.67	Bulgaria (BGN)	100.00	10.00	16.67	Bulgaria (BGN)	100.00	10.00	16.67
Burkina Faso (CFA)	100.00	10.00	16.67	Burkina Faso (CFA)	100.00	10.00	16.67	Burkina Faso (CFA)	100.00	10.00	16.67	Burkina Faso (CFA)	100.00	10.00	16.67	Burkina Faso (CFA)	100.00	10.00	16.67	Burkina Faso (CFA)	100.00	10.00	16.67
Burundi (F)	100.00	10.00	16.67	Burundi (F)	100.00	10.00	16.67	Burundi (F)	100.00	10.00	16.67	Burundi (F)	100.00	10.00	16.67	Burundi (F)	100.00	10.00	16.67	Burundi (F)	100.00	10.00	16.67
Cambodia (R\$)	100.00	10.00	16.67	Cambodia (R\$)	100.00	10.00	16.67	Cambodia (R\$)	100.00	10.00	16.67	Cambodia (R\$)	100.00	10.00	16.67	Cambodia (R\$)	100.00	10.00	16.67	Cambodia (R\$)	100.00	10.00	16.67
Cameroon (CFA)	100.00	10.00	16.67	Cameroon (CFA)	100.00	10.00	16.67	Cameroon (CFA)	100.00	10.00	16.67	Cameroon (CFA)	100.00	10.00	16.67	Cameroon (CFA)	100.00	10.00	16.67	Cameroon (CFA)	100.00	10.00	16.67
Canada (C\$)	0.67	1.00	149.47	Canada (C\$)	0.67	1.00	149.47	Canada (C\$)	0.67	1.00	149.47	Canada (C\$)	0.67	1.00	149.47	Canada (C\$)	0.67	1.00	149.47	Canada (C\$)	0.67	1.00	149.47
Cape Verde (Esc)	200.00	10.00	20.00	Cape Verde (Esc)	200.00	10.00	20.00	Cape Verde (Esc)	200.00	10.00	20.00	Cape Verde (Esc)	200.00	10.00	20.00	Cape Verde (Esc)	200.00	10.00	20.00	Cape Verde (Esc)	200.00	10.00	20.00
Chad (CFA)	100.00	10.00	16.67	Chad (CFA)	100.00	10.00	16.67	Chad (CFA)	100.00	10.00	16.67	Chad (CFA)	100.00	10.00	16.67	Chad (CFA)	100.00	10.00	16.67	Chad (CFA)	100.00	10.00	16.67
Chile (P\$)	100.00	10.00	16.67	Chile (P\$)	100.00	10.00	16.67	Chile (P\$)	100.00	10.00	16.67	Chile (P\$)	100.00	10.00	16.67	Chile (P\$)	100.00	10.00	16.67	Chile (P\$)	100.00	10.00	16.67
China (Y)	8.28	1.00	8.28	China (Y)	8.28	1.00	8.28	China (Y)	8.28	1.00	8.28	China (Y)	8.28	1.00	8.28	China (Y)	8.28	1.00	8.28	China (Y)	8.28	1.00	8.28
Colombia (C\$)	100.00	10.00	16.67	Colombia (C\$)	100.00	10.00	16.67	Colombia (C\$)	100.00	10.00	16.67	Colombia (C\$)	100.00	10.00	16.67	Colombia (C\$)	100.00	10.00	16.67	Colombia (C\$)	100.00	10.00	16.67
Costa Rica (C\$)	100.00	10.00	16.67	Costa Rica (C\$)	100.00	10.00	16.67	Costa Rica (C\$)	100.00	10.00	16.67	Costa Rica (C\$)	100.00	10.00	16.67	Costa Rica (C\$)	100.00	10.00	16.67	Costa Rica (C\$)	100.00	10.00	16.67
Croatia (Kuna)	100.00	10.00	16.67	Croatia (Kuna)	100.00	10.00	16.67	Croatia (Kuna)	100.00	10.00	16.67	Croatia (Kuna)	100.00	10.00	16.67	Croatia (Kuna)	100.00	10.00	16.67	Croatia (Kuna)	100.00	10.00	16.67
Cuba (CUP)	100.00	10.00	16.67	Cuba (CUP)	100.00	10.00	16.67	Cuba (CUP)	100.00	10.00	16.67	Cuba (CUP)	100.00	10.00	16.67	Cuba (CUP)	100.00	10.00	16.67	Cuba (CUP)	100.00	10.00	16.67
Cyprus (C\$)	100.00	10.00	16.67	Cyprus (C\$)	100.00	10.00	16.67	Cyprus (C\$)	100.00	10.00	16.67	Cyprus (C\$)	100.00	10.00	16.67	Cyprus (C\$)	100.00	10.00	16.67	Cyprus (C\$)	100.00	10.00	16.67
Czech Rep. (C\$)	100.00	10.00	16.67	Czech Rep. (C\$)	100.00	10.00	16.67	Czech Rep. (C\$)	100.00	10.00	16.67	Czech Rep. (C\$)	100.00	10.00	16.67	Czech Rep. (C\$)	100.00	10.00	16.67	Czech Rep. (C\$)	100.00	10.00	16.67
Dominican Rep. (RD\$)	100.00	10.00	16.67	Dominican Rep. (RD\$)	100.00	10.00	16.67	Dominican Rep. (RD\$)	100.00	10.00	16.67	Dominican Rep. (RD\$)	100.00	10.00	16.67	Dominican Rep. (RD\$)	100.00	10.00	16.67	Dominican Rep. (RD\$)	100.00	10.00	16.67
Dominica (XCD)	100.00	10.00	16.67	Dominica (XCD)	100.00	10.00	16.67	Dominica (XCD)	100.00	10.00	16.67	Dominica (XCD)	100.00	10.00	16.67	Dominica (XCD)	100.00	10.00	16.67	Dominica (XCD)	100.00	10.00	16.67
DRC (CFA)	100.00	10.00	16.67	DRC (CFA)	100.00	10.00	16.67	DRC (CFA)	100.00	10.00	16.67	DRC (CFA)	100.00	10.00	16.67	DRC (CFA)	100.00	10.00	16.67	DRC (CFA)	100.00	10.00	16.67
Ecuador (C\$)	100.00	10.00	16.67	Ecuador (C\$)	100.00	10.00	16.67	Ecuador (C\$)	100.00	10.00	16.67	Ecuador (C\$)	100.00	10.00	16.67	Ecuador (C\$)	100.00	10.00	16.67	Ecuador (C\$)	100.00	10.00	16.67
Egypt (E\$)	100.00	10.00	16.67	Egypt (E\$)	100.00	10.00	16.67	Egypt (E\$)	100.00	10.00	16.67	Egypt (E\$)	100.00	10.00	16.67	Egypt (E\$)	100.00	10.00	16.67	Egypt (E\$)	100.00	10.00	16.67
El Salvador (C\$)	100.00	10.00	16.67	El Salvador (C\$)	100.00	10.00	16.67	El Salvador (C\$)	100.00	10.00	16.67	El Salvador (C\$)	100.00	10.00	16.67	El Salvador (C\$)	100.00	10.00	16.67	El Salvador (C\$)	100.00	10.00	16.67
Equatorial Guinea (CFA)	100.00	10.00	16.67	Equatorial Guinea (CFA)	100.00	10.00	16.67	Equatorial Guinea (CFA)	100.00	10.00	16.67	Equatorial Guinea (CFA)	100.00	10.00	16.67	Equatorial Guinea (CFA)	100.00	10.00	16.67	Equatorial Guinea (CFA)	100.00	10.00	16.67
Eritrea (Nakfa)	100.00	10.00	16.67	Eritrea (Nakfa)	100.00	10.00	16.67	Eritrea (Nakfa)	100.00	10.00	16.67	Eritrea (Nakfa)	100.00	10.00	16.67	Eritrea (Nakfa)	100.00	10.00	16.67	Eritrea (Nakfa)	100.00	10.00	16.67
Estonia (Kroon)	100.00	10.00	16.67	Estonia (Kroon)	100.00	10.00	16.67	Estonia (Kroon)	100.00	10.00	16.67	Estonia (Kroon)	100.00	10.00	16.67	Estonia (Kroon)	100.00	10.00	16.67	Estonia (Kroon)	100.00	10.00	16.67
Ethiopia (Birr)	100.00	10.00	16.67	Ethiopia (Birr)	100.00	10.00	16.67	Ethiopia (Birr)	100.00	10.00	16.67	Ethiopia (Birr)	100.00	10.00	16.67	Ethiopia (Birr)	100.00	10.00	16.67	Ethiopia (Birr)	100.00	10.00	16.67
Fiji (F\$)	100.00	10.00	16.67	Fiji (F\$)	100.00	10.00	16.67	Fiji (F\$)	100.00	10.00	16.67	Fiji (F\$)	100.00	10.00	16.67	Fiji (F\$)	100.00	10.00	16.67	Fiji (F\$)	100.00	10.00	16.67
Finland (M)	5.94	1.00	5.94	Finland (M)	5.94	1.00	5.94	Finland (M)	5.94	1.00	5.94	Finland (M)	5.94	1.00	5.94	Finland (M)	5.94	1.00	5.94	Finland (M)	5.94	1.00	5.94
France (F)	6.55	1.00	6.55	France (F)	6.55	1.00	6.55	France (F)	6.55	1.00	6.55	France (F)	6.55	1.00	6.55	France (F)	6.55	1.00	6.55	France (F)	6.55	1.00	6.55
Gabon (CFA)	100.00	10.00	16.67	Gabon (CFA)	100.00	10.00	16.67	Gabon (CFA)	100.00	10.00	16.67	Gabon (CFA)	100.00	10.00	16.67	Gabon (CFA)	100.00	10.00	16.67	Gabon (CFA)	100.00	10.00	16.67
Gambia (D	100.00	10.00	16.67	Gambia (D	100.00	10.00	16.67	Gambia (D	100.00	10.00	16.67	Gambia (D	100.00	10.00	16.67	Gambia (D	100.00	10.00	16.67	Gambia (D	100.00	10.00	16.67
Germany (M)	1.93	1.00	1.93	Germany (M)	1.93	1.00	1.93	Germany (M)	1.93	1.00	1.93	Germany (M)	1.93	1.00	1.93	Germany (M)	1.93	1.00	1.93	Germany (M)	1.93	1.00	1.93
Ghana (Cedi)	100.00	10.00	16.67	Ghana (Cedi)	100.00	10.00	16.67	Ghana (Cedi)	100.00	10.00	16.67	Ghana (Cedi)	100.00	10.00	16.67	Ghana (Cedi)	100.00	10.00	16.67	Ghana (Cedi)	100.00	10.00	16.67
Greece (D)	340.75	1.00	340.75	Greece (D)	340.75	1.00	340.75	Greece (D)	340.75	1.00	340.75	Greece (D)	340.75	1.00	340.75	Greece (D)	340.75	1.00	340.75	Greece (D)	340.75	1.00	3



## EQUITY MARKETS: This Week

NEW YORK

Lisa Branstetter

LONDON

Steve Thompson

## Investors look for decisive move by Fed

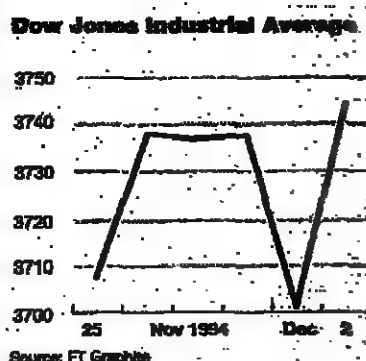
Rumbles of another interest rate increase are being heard once again on Wall Street and the stock market does not like such noises one bit. But despite investor fears that recent strong economic data will lead to another round of monetary tightening by the Federal Reserve, the Dow Jones Industrial Average followed soaring bond prices Friday to post its highest gain in over a month.

The market may spend this week deciding whether it will post more declines on fears of interest rate increases or continue to move in tandem with bond prices, which seem at last to be cheered by the prospect of another monetary tightening.

Mr David Hale, chief economist at Kemper Financial Services, says sentiment is growing on Wall Street that the central bank will act quickly and decisively - positive news for markets that have been worn down in part by a long, drawn-out process of monetary tightening.

"There is a growing possibility that the Fed could hike interest rates in December," he says. Still, he says there is less than a 50 per cent chance the Fed will act this month. The next meeting of the Fed's Open Market Committee is scheduled for December 30.

Last week's deluge of economic statistics reinforced fears that the Fed will have to act again quickly. Consumer confidence hit its highest level since 1990, the third-quarter gross domestic product figure was revised upward, and the National Association of Purchasing Managers index of



business activity hit its highest rate in more than 10 years. The week closed with news that unemployment fell to its lowest level in four years.

Mr Bill Dodge, chief investment strategist at Dean Witter Reynolds, says part of the explanation for Friday's gain of more than 44 points by the Dow lies in the fact that the market became oversold at the end of November, having fallen almost 130 points in the past three weeks.

"The market is going to try and have a year-end rally," he says. But he warns that any year-end gains will probably not be large or long-lasting.

In the near term, he says, further interest rate increases could hurt stocks by eroding corporate earnings and making fixed income instruments attractive alternatives to stocks.

Although economic news due out in the next five days is less important than last week's figures, investors will be able to take cues from some of the new statistics. Figures due out today will give an indication of consumer demand for cars and homes.

Also important will be figures on productivity to be announced mid-week. So far this year productivity gains have kept wage inflation below other elements of the surging economy.

## Next rate rise may be closer than expected

The FT-SE 100 index has now launched no less than 10 successful assaults on the 3,100 mark since falling through that level at the end of March, when the Federal Reserve tightening moves began to bite.

On most of these occasions the index looked set to consolidate above 3,100, only to fall back below that level every time. And behind those falls on virtually every occasion was the threat of, or an actual rise in interest rates.

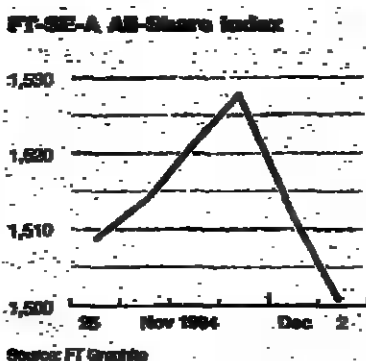
After the series of US rate rises, the first UK interest rate increase since the sterling currency crisis in September 1993 was responsible for dumping the FT-SE firmly below 3,100.

The market fought back well, penetrating 3,100 in mid-November and cruising to 3,147 the week before the Budget amid a sequence of impressive economic numbers, indicating continued low inflation - the lowest for 27 years - and good growth.

Then a blast of Wall Street-inspired weakness knocked the FT-SE back below 3,100. And there were worrying signs last week that there could be more trouble. Wall Street, which has shown it still sets the agenda for stock markets worldwide, is looking decidedly uncomfortable.

Almost every US economic indicator pointed to the economy still growing strongly. Third-quarter gross domestic product was revised upwards, the consumer confidence index surged alarmingly and the National Association of Purchasing Management index rose more sharply than expected.

Topping this was a non-farm payroll number which easily beat



The Federal Reserve's Open Market Committee meets on December 20 and another rate rise in the US, with all its implications for Wall Street, and therefore UK equities, could be on the cards.

Notwithstanding the impact of falling US markets, the UK Budget was followed by a firm performance by sterling and gilts, which in turn triggered a flurry of overseas demand for equities. There was also a growing feeling, however, that the next rise in US interest rates is closer than previously expected.

The chancellor is to meet the governor of the Bank of England on Wednesday and there are worries that a rise could follow their meeting, although many observers see January as the best time to lift rates.

Fretting about such a move will not be good for equities. Dividend news continues to reduce the big income funds. Seaboard's 21 per cent rise sets the scene for what promises to be a bumper interim reporting season for the regional electricity companies. Similar good news is expected from the four "reco" companies.

These Finnish companies are now in a very good position," said Mr Anders Sengen-

## European privatisations

## Finland steps up the pace

For the first time this week that Finnair, the Finnish national airline, plans to raise about 100 million marks through an offer of up to 12m new shares to Finnish and international investors has highlighted the attitude of the Finnish government to privatisation.

There are a total of 12 groups in the privatisation list, including Finnair. Others are Neste, the oil and petrochemicals group, and the power company.

The government will not participate in the Finnair offering, which is being co-ordinated by Kleinwort Benson, the UK merchant bank, so its stake will be in the hands of institutional investors.

This is typical of the approach the government has taken in the sale of state-owned assets.

While other European governments have used privatisation proceeds to reduce public sector deficits, so far most of the proceeds of Finnish privatisation have gone directly to the companies themselves.

This is because heavy debt loads and deep losses in the companies with weak balance sheets.

Allowing proceeds of privatisation to go to the companies concerned has meant they enter the private sector with strong balance sheets.

dahl, Merrill Lynch relationship manager for Scandinavia. The attraction of Finland for the international investor has been increased by liberalisation of capital markets. Finnair has relaxed restrictions on foreign share ownership.

The Finnish equity market is the most cyclical in Europe, largely due to the predominance of paper, chemicals, metals and capital goods sectors.

Some analysts are recommending investors to be overweight in cyclical sectors. Research by Mr Mike Young at Merrill Lynch points out:

"Finnish equities have consistently outperformed during economic recoveries." He adds: "Our valuation models suggest the market is anywhere from being the most overvalued to the most undervalued in Europe. Our interpretation is that it is among the most undervalued."

The Finnish government has taken a step-by-step approach to privatisation, gradually reducing its ownership in a number of companies and only moving cautiously below the 50 per cent threshold.

The pace of activity has increased in the past 12 months, with a total of 1.7m shares raised from the sale of holdings in five companies - Outokumpu, the mining and metal group; Valmet, the steel producer; Valmet, the paper machinery manufacturer; Valmet, the pulp and paper concern; and Kem-

ira, the chemicals group. The most recent move was the initial public offering made by Kemira, which raised 1.14bn marks and lowered the state's stake in the company to 10 per cent. The government has parliamentary authorisation to lower its stake further in all five companies.

The next company on the list is almost certain to be Neste. Some estimates suggest the company is worth 1.1bn marks, which would make it the biggest privatisation so far.

International bankers believe arrangements for the Neste offering will be completed by the end of the year and expect it to come to market early in the new year.

Morgan Stanley is the ministry's adviser and Goldman Sachs is the company's adviser.

Bankers believe the government wants to push through a partial privatisation of the company early next year before the March general elections.

One reason for the haste is that the elections look likely to return the Social Democrats to power. They have been less enthusiastic about privatisation than the centre-right administration and could try to slow the process, particularly strategic companies are concerned, such as telecommunications and power groups.

Martin Brice and Christopher Brown-Humes

## OTHER MARKETS

## BANKS

More 10-month figures come from the German banks this week, with Dresdner reporting tomorrow, Deutsche on Wednesday and Vereins and Hypo on Thursday, but few analysts expect them to set market alight.

In a pan-European review of the banking sector, Merrill Lynch notes that November saw the bounce from French and Belgian banks that it had been anticipating, producing eight out of 10 of the best performers in Europe.

However, Merrill continues to believe that there will be no sustained late cycle rally, in spite of the current buoyancy.

It is not encouraged by the environment of rising rates and looks to specific stocks only to deliver longer-term performance.

## FRANKFURT

Thursday brings the release of third-quarter GDP data and UBS is sticking with its growth forecast of 0.6 per cent over the quarter and 1.8 per cent on the year.

However, the bank points to recent statements by the economics ministry that growth was as strong as in the second quarter as indicating that there might be some upward risk.

November unemployment, also published on Thursday, is

expected to be flat, after the steep decline in October. UBS adds that the Bundesbank, holding its regular council meeting on Thursday, will watch real economic developments with interest, although the data is unlikely to have a significant impact on policy.

"Recent statements by council members suggest that they are quite confident that inflation will decline further. M3 growth should slow and progress will be seen in the attempt to consolidate the public budgets," says UBS.

Hence another small rate cut seems possible, although this week seems too early with a move more likely around the turn of the year.

## BRAZIL

Brazil has been attracting a raft of positive news from the

in the course of the past week, and the outlook looks bright, writes John Pitt.

Merrill Lynch has forecast that the equity market will grow by 50 per cent during 1995 and out-perform the rest of Latin America. The country's economic stabilisation programme, masterminded by president-elect Fernando Henrique Cardoso, and the introduction of a new currency, the Real, in July, has so far cut inflation to around 3 per cent last month from around 60 per cent in July.

Baring argues that "the ingredients are now in place for Brazil to complete its transition to a market economy and for companies to start to reap the benefits of a predictable environment". Consequently, the broker has raised its overweight asset allocation to 30 per cent from 25 per cent.

Foreign & Colonial reckons Brazil could be one of the best performing emerging markets in the world throughout next year. While the new administration, which takes office in the January, will have numerous problems to tackle immediately, F & C believes that the backdrop of a strong currency, strong president and economic package in place, will outweigh the difficulties.

## TOKYO

The reappearance of foreign demand, coupled with continued demand by domestic public funds, enabled the Nikkei 225 to regain the 19,000 level last week, although low trading volumes, down to 210m shares on Friday, raise questions about where the market is heading this week.

The market will be awaiting Friday's publication of November's Tankan economic survey. James Capel expects the results to show continued improvement in business conditions.

Both the manufacturing and non-manufacturing indices are expected to show clear improvement with companies

more bullish about their sales and profits expectations. Capels adds that companies of all sizes will continue to report no difficulty in obtaining funds, laying to rest the suggestion that Japan may suffer from a credit crunch during the recovery phase.

## HONG KONG

The market, which last week saw the Hang Seng index plunge 5 per cent to a low for the year, faces another raft of potentially negative news this week, writes Louise Lucas.

Brokers say that regional banks raising cash in anticipation of redemptions, are likely to continue selling

while the dominant fear of rising interest rates will continue to deter investors. Today the market will be digesting Friday's unemployment figures from the US, but analysts will also be acting on news of spiralling inflation in mainland China.

An arm of the State Planning Commission reckons that the retail price index will rise by 21 per cent next year, which would be the biggest recorded jump since the Communist takeover in 1949.

China shares have already been performing badly - the new H share listing, Zhenhai Refining and Chemical Company, fell 12.8 per cent on its debut on Friday. Compiled by Michael Morgan

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FLOATING RATE NOTES DUE 1997  
ISIN CODE: XS0037756256

For the period November 30, 1994 to May 31, 1995 the new rate has been fixed at 6.1375 % P.A.

Next payment date: May 31, 1995  
Coupon nr: 6  
Amount: GBP 30.60 for the denomination of GBP 100,000  
GBP 306.03 for the denomination of GBP 1,000,000

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REVERSE FLOATING RATE NOTES DUE 1999  
ISIN CODE: XS0040821414

For the period December 1st, 1994 to June 1st, 1995 the new rate has been fixed at 12.57031 % P.A.

Next payment date: June 1st, 1995  
Coupon nr: 4  
Amount: FRF 828.52 for the denomination of FRF 10,000  
FRF 828.16 for the denomination of FRF 100,000

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In accordance with the provisions of the Notes, notice is hereby given that for the six months interest period from December 5, 1994 to June 5, 1995 the notes will carry an interest rate of 8.75% per annum. The amount payable on June 5, 1995 against Coupon No. 19 will be U.S. \$341.25 per U.S. \$100.00 principal amount.

By: The Chase Manhattan Bank, N.A.  
London, August 2nd  
December 5, 1995

**"BOND TRUST OF THE WORLD"**  
(Mutual fund organized under the laws of the Grand-Duchy of Luxembourg)

**NOTICE OF DIVIDEND ON TYPE "A" SHARES**

Pursuant to article 17 of the management regulations of the Fund, the board of directors of World Bond Trust Management Company, on November 30, 1994, decided to distribute, for the financial year ended on September 30, 1994, a dividend of 1.16 per type "A" share of the net distributable income of the Fund (which comprises the net investment income of the Fund and the net investment income prorated on the net assets and repurchases of the Fund during the accounting year of the Fund).

This dividend, of USD 1.16 per type "A" share of the Fund, will be paid, on and from December 13, 1994, to holders of type "A" shares of the Fund issued and outstanding as of zero hour (Luxembourg time) on December 6, 1994, which is the ex-dividend and record date.

This dividend will be paid:

- to holders of type "A" shares in registered form and to holders of confirmations of type "A" shares physically created, through the principal paying agent, by transfer or cheque pursuant to the instructions given to him by holders of such certificates or confirmations, and
- to holders of type "A" shares in bearer, against coupon no 13.

The following banks, as indicated, will act as paying agent for the type "A" shares of Bond Trust of the World:

in the Grand-Duchy of Luxembourg:  
SOGENAL  
15, Avenue Emile Reuter  
L-2420 Luxembourg

in France:  
SOCIETE GENERALE  
29, boulevard Haussmann  
F-75009 Paris

THE PRINCIPAL PAYING AGENT:  
SOGENAL/LUXEMBOURG BRANCH

15 من الامل



## THAILAND

Monday December 5 1994

Democracy on trial: prime minister Chuan discusses his hopes and fears PAGE 4

In central Bangkok a Square Mile of banks and finance houses is rising PAGE 3

Thailand continues to lurch from one political crisis to another, but its economic performance has been consistently robust. Real gross domestic product growth averaged 7.4 per cent a year between 1971 and 1993, and is likely to average more than eight per cent from now until the end of the decade.

Although Thailand is still regarded as a "developing" country, industrialisation has already brought material benefits to most of its 59m inhabitants and made it into one of south-east Asia's most remarkable success stories.

No fewer than 97 per cent of the residents of greater Bangkok live in a household with television, while 84 per cent have refrigerators and 82 per cent video cassette players. Outside Bangkok, the figures fall to a still-impressive 86 per cent for television, 60 per cent for refrigerators and nine per cent for video machines.

Mr Chuan Leekpai, the mid-mannered prime minister who heads the coalition government elected in 1992, has started to redress the balance between the wealth of Bangkok and the relative poverty of the countryside by directing investment and government spending into the remoter provinces.

His most important achievement, however, has been to extend compulsory education from six years to nine, a decision regarded as long overdue and essential if Thailand is to improve the skills of its workforce and compete successfully in high technology industries against other emerging Asian economies.

It will take many years for education reforms to translate into better industrial performance - the first pupils to benefit will leave school three years from now - but in the meantime Thai exports continue to grow rapidly, with "new" manufacturing industries making items such as computers and vehicle parts overtaking "old" businesses such as textiles.

Japanese companies seeking to escape from the high costs imposed by the strong yen in their home base continue to

regard Thailand as a favoured for new investments. Large corporations such as Toyota are now being joined by a growing number of smaller component manufacturers that want to take advantage of the lower manufacturing costs and new markets available in south-east Asia.

Thailand can now see the advantage of liberalising various sectors of its economy hitherto protected as "infant industries" from outside competition, and seems to be opening up the economy faster than its rivals in Indonesia and Malaysia.

The government has begun gradually to liberalise the banking sector and the motor manufacturing industry, for example, because it believes this will help Thailand to become a regional hub for such activities.

While the bureaucrats at the Bank of Thailand (the central bank) and the finance ministry perform their traditional function of controlling inflation and ensuring that the government pursues prudent macro-economic policies, Mr Chuan can focus his considerable political skills on keeping his government in power.

Survival for a democratic government in Thailand is no easy task, although the armed forces, which have staged 17 coups d'état since the end of absolute monarchy in 1932, are not seen as a particular threat at present. The last time they organised a coup in 1991 they quickly handed control to a civilian prime minister, and when they sought to keep power by parliamentary means in 1992 they were prevented from doing so by street demonstrations during which troops shot dead about 50 unarmed protesters.

Mr Chuan's main problem is the fragility of his own five-party coalition government. The present parliament is largely a product of a corrupt system of politics wherein most rural voters elect influential patrons - who are expected to extract money from Bangkok for their constituents - instead of choosing candidates and parties on the basis of their policies.

If Mr Chuan stays in power for another two years, his would be the first democratically-elected government in Thai history to serve its full, four-year term of office. "The Thai people will have to learn that the democratic system



Central Bangkok's expanding business district order out of chaos



Dancer in a Bangkok temple: vibrant traditions

Picture: John Wright

## Industrialisation pays off

Thais are enjoying one of Asia's best economic performances. But pockets of poverty remain to be eradicated, says Victor Mallet

didates and parties on the basis of their policies.

endure at the hands of his coalition partners were the unilateral decision by the Palang Dharma (Moral Force) party to change all its cabinet ministers (including the foreign minister) and a public rejection by Gen Chavalit Yongchaiyudh, head of the New Aspiration Party, of the

government's policy of promoting local elections. "A cabinet decision is not God. It's just a piece of paper," Gen Chavalit said. This prompted Mr Suthichai Yoon, a leading newspaper columnist and executive editor of *The Nation*, to comment: "With coalition parties like the New

Aspiration Party, who needs an opposition in the first place?"

Opposition politicians, meanwhile, are happy to exploit the coalition's weaknesses. In their latest attack, they have criticised the government's much-touted land reform programme, suggesting that some land in the resort island of Phuket was corruptly distributed to the undeserving rich instead of the landless poor.

Until now the Thai economy - driven by Sino-Thai entrepreneurs and free from the ethnic and religious divisions suffered by neighbouring countries - prospered in a chronic political instability.

But as the economy becomes more complex the need for good government and improved legislation and regulation becomes more urgent.

The most notorious problem stemming from successive Thai governments' failure to do what governments are supposed to do is the chaotic traffic congestion in Bangkok. After two decades of negotiations involving dozens of contractors and government agencies, Bangkok has a mass transit system - and the three that are currently planned do not connect with each other.

Such difficulties are not confined to transport. In telecommunications, private companies are finally installing millions of long-awaited pay lines. A duopoly of organisations retains overall control and the regulatory environment is murky.

Thailand needs billions of dollars for investment in infrastructure projects, but delays are due mainly to an inability to make decisions rather than lack of money.

Thailand regularly runs a budget surplus, and the coun-

try's gross domestic savings ratio rose to 37 per cent of GDP in 1993 from an average of 22 per cent in the decade to 1990. Foreigners would make up any shortfall by investing in Thai infrastructure if they had confidence in the legal system and the government's ability to set priorities.

"I've always believed that our infrastructural problems have nothing to do with lack of capital," says Mr Ammar Siamwala, president of the Thailand Development Research Institute (TDRI), an independent foundation. "We require public sector decisions and that is what is missing."

Another concern is that the private sector is poaching the underpaid Thai civil service who have hitherto kept the economy on an even keel through even the worst periods of political turbulence.

According to the TDRI, a permanent secretary's salary in 1990 was worth only 15 per cent of its real value in 1980. In the finance ministry, says Mr Ammar, "We're seeing the last of the mandarins departing this year and in the next few years."

Despite such obstacles, Thailand's recent history suggests that it will adapt to changing circumstances fast enough to achieve continued economic growth. Political stability, however, remains an elusive goal.

At the very least, the methodical Mr Chuan will need the rest of his current term of office and a second term with a stronger mandate if he is to fulfil his aims of promoting development in rural Thailand, narrowing the widening gap between rich and poor, imposing the rule of law and strengthening democracy.

Mr Chuan himself is aware that his coalition is fragile, and says he will be satisfied if he can lay the foundations for an orderly transfer of power. "For a government made up of five political parties, I'm satisfied with two years," he says. "For the remaining time it's important to support the system. Once the system is widely accepted any future changes will then go according to democratic rules."

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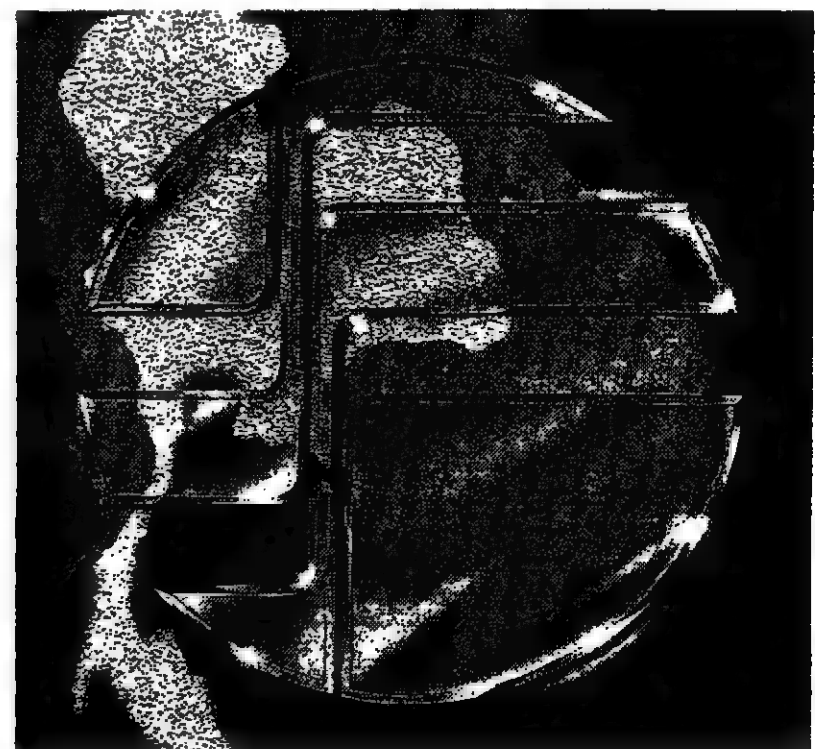
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## THAILAND

Exports lift the economy's performance, writes William Barnes

## The focus changes

The Thai economy continues to defy the pessimists who predict that after three decades of rapid growth it must surely stumble.

Despite the fact that Thailand may be losing its competitive edge to lower cost manufacturers in China, Vietnam or Indonesia, economists at the Bank of Thailand, the central bank, have confidently predicted economic growth in excess of eight per cent for the next three years.

The lack of a comprehensive industrial strategy, the inadequacy of Bangkok's transport and communications infrastructure and rising labour costs have all been cited as reasons for economic turbulence. But these problems are offset by the Bank of Thailand's steady hand on the monetary tiller, the entrepreneurial spirit of the country's Sino-Thai business families, substantial natural resources and a sizeable population in a strategic location.

This became famously apparent in 1986 when the economy was first lifted into very high growth by the wave of Japanese manufacturing investment that flooded into Thailand; a three-year leap in the value of the yen - from ¥262 to ¥125 per dollar - had made Japan-based exports increasingly uncompetitive.

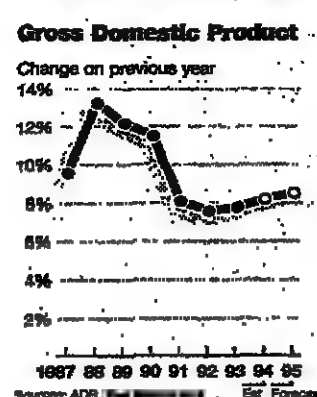
By 1990 the Thai economy was overheating but Saddam Hussein's invasion of Kuwait dampened the speculative fever. The February 1991 military coup d'état damaged confidence as well, and many investment decisions were put on hold during the military's rule but bloody attempts to suppress pro-democracy protests in the summer of 1992 were hardly a help either.

But protesters' demands have been clear - with political stability promised by prime minister Mr Chuan Leekpai's new, technocratic government - that pent-up spending pressure was pushing the economy into a higher gear again.

In 1994, driven by a combination of domestic demand, especially "feel-good" consumer spending, the economy expanded with 7.6 per cent compared with 7.5 per cent in 1993. The domestic demand

remains strong, there has been a change of focus: the global economy's expansion has prompted a surge in exports which should see the economy grow by more than eight per cent in 1994 and 1995, according to Bank of Thailand estimates.

The value of exports grew by 20.3 per cent in the January-September period this year. Particularly strong have been a sharp increase in value-added items - exports of computers and computer parts rose 44.1 per cent. Traditional commodity exports



recovered. Exports rose 17.3 per cent after contracting 9 per cent in 1993. These exceptional figures are partly explained by low exports in the first half of 1993, and there would be no alarm if export growth slowed in the final months of this year. For the year as a whole, exports are expected to expand by between 16 and 20 per cent.

It is a sign of the Thai economy's increasing sophistication that capacity constraints are a real issue in Thailand. The limits were hardly felt at all before this year.

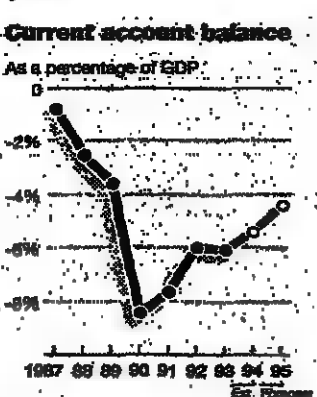
Official capacity utilisation figures are still being developed but may not be very accurate, but economists believe there is still considerable slack in most sectors of the economy - cement and semi-conductors are exceptions - to contain inflation: it needs watching but is not currently considered a serious threat.

One reason why economists are so confident that the growth rate can be maintained

is a new wave of Japanese investment. This latest surge of capital injection has, like previous ones, been driven by a rising yen, although there are important differences.

Much of the new investment is in the form of expansion by companies already well-established in Thailand, such as Toyota.

Mitsui, the conglomerate whose Thai operations are its largest outside Japan and the US, intends to invest another \$30m in the region - mostly in Thailand - in the next five years.



Component suppliers are also pouring into Thailand behind the big Japanese multinationals. "We are handling the much heralded climb into higher value-added growth."

New figures compiled by the Thailand Development Research Institute show that for the first time this year exports of high-tech or sunrise industries have surpassed those from low-tech, or sunset, industries.

Mr Chalongsob Sussangarn, head of the TDRI's macroeconomics programme, says it has taken only eight years for capital intensive production in Thailand to overtake labour intensive products in value, whereas in the past other east Asian economies have taken more than a decade.

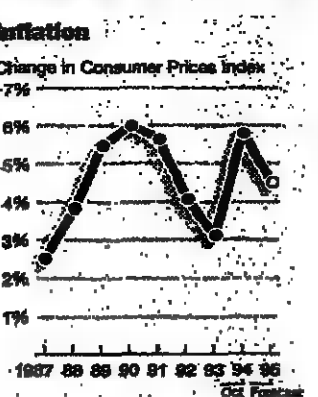
"By the end of the century the high-value products could account for 70 per cent of exports - yet we have left it two decades too late to develop our own technological expertise," Mr Chalongsob said.

Many of the investments now being made should turn productive during the course of

1995; hence the predictions that economic growth will accelerate to nine per cent or more in 1996 before slowing somewhat for the remainder of the decade.

The once worrying current account deficit is currently at its smallest level for five years at five per cent of GDP. It will inevitably rise again but for the right reasons - to perhaps a new peak of over six per cent in 1996 - before easing off quite sharply by the year 2000.

In spite of the favourable medium-term outlook the pessimists can still point to the



failure of the education system - only a third of the population has more than six years of schooling - which threatens the much heralded climb into higher value-added growth.

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Bangkok's influx of foreign banks echoes the rise of Hong Kong

## Haven of financial freedom

Many foreign bankers in Thailand can reach their desks these days only after dodging through gangs of construction workers busy refurbishing their Bangkok offices, writes WILLIAM BARNES.

After years of watching their fortunes as domestic competitors profiting from Thailand's economic boom, foreign bankers are now manoeuvring to take advantage of the liberalisation of the banking sector.

"The truth is that the regulatory environment is already probably one of the best in Asia. It's probably the most enlightened in Asia next to Hong Kong," says Mr David Hendrix, general manager of Citicorp in Thailand. "There is an unbiased and fair treatment of foreign banks that doesn't exist in many other countries in south-east Asia."

Foreign banks have rapidly expanded their wholesale banking business since the late 1980s, and anticipate further liberalisation. The more vigorous of the 14 foreign banks allowed full branch licences have seen their lending grow fivefold in less than six years.

Business picked up in 1992 when the Thai monetary authorities introduced the offshore banking scheme known as the Bangkok International Banking Facility (BIBF). Foreign banks have quickly captured half the important out-lending business (foreign loans for use in Thailand) under the BIBF.

Lack of a full branch licence is clearly not a barrier to expansion: the 22 branchless foreign banks have managed to garner a quarter of the BIBF business providing Thai corporations with cheaper funds, usually in dollars.

After years of making profits from the wide spreads ensured by their lucrative domestic banking cartel, Thailand's 18 commercial banks have been slow to make a mark in the offshore loan business. Much of the Thai banks' "BIBF" lending appears to have been found by bringing existing offshore loans under the BIBF umbrella.

If the liberalisation of the Thai banking industry looks as though it will be painful, then that is partly the point: the Bank of Thailand, the central bank, has long term plans for Bangkok as a financial centre and wants local institutions to lean on and carry enough to compete in the global arena.

Although strong credit growth has again allowed Thai banks to report enviable juicy profits for another year, Mr Tarrin Nimmmanaheminda, the finance minister and a former president of one of the coun-

try's biggest banks, has repeatedly sounded the warning bell. Perhaps the ongoing negotiations on trade in services have stopped Mr Tarrin revealing a precise liberalisation timetable, but the outline plan seems to be to allow foreign banks to open up to full branches with restricted services available locally to increase gradually the services in which they can compete and - perhaps by the turn of the century - to allow foreigners to establish their branch networks further.

Five more foreign branch licences have already been promised for 1995. Mr Viji Supinit, Bank of Thailand governor, has hinted that at least two of these licences are likely to go to Japanese banks because, despite the massive Japanese industrial presence, only two of the 14 foreign banks with branches in Japanese.

ing tower in this decade partly because the country's burgeoning middle class - two-thirds of the population is under 30 - will require extensive financial services.

"Thailand has been under-emphasised in the past - I don't think that will happen in the future," says Mr Sandy Ploekhart, the chief executive of the Hongkong Bank.

The retail sector is likely to remain a sideshow for the Japanese banks, which will continue to focus on working with Japanese companies investing in Thailand.

Foreign Banks' Activity in Thailand (Baht million)

Bank	Assets	Net Credit Granted	Capital	BIBF	Assets
Sekura	63,377	48,985	2,202	26,287	
Bank of Tokyo	45,202	42,042	2,000	24,338	
Citicorp	44,884	30,205	1,500	8,998	
HBOC	24,525	20,467	1,500	5,189	
Bank Indonesia	18,152	14,544	1,000	6,782	
Standard Chartered	17,838	11,210	1,000	2,606	
Bank of America	17,084	13,785	1,000		
Deutsche Bank	16,529	12,000	892		
Chase Manhattan	9,940	8,765	615		
Int Commercial Bank of China	8,808	8,808	320	n.a.	
Four Seas	2,282	1,866	300	828	
Shanghai Overseas	1,840	1,325	150	n.a.	
Shanghai Banking Corp.	1,118	827	250	n.a.	
Bank of America (Asia)	510	154	300	72	

Sources: for September 1994, BIBF = Bangkok International Banking Facility

Source: Bank of Thailand

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Local banking chiefs have acquired a mantra: "re-engineering". The first fully automated bank branch was opened recently as an experiment in Bangkok - a far cry from the traditional scribbled-up low-paid clerks laboriously shuffling paper.

It remains to be seen if the foreign banks can really lift retail business from the big locals with their branch networks of up to 400 sites, when the provinces are going to be the key growth area for retail banking. Electronic banking, however, may obviate the need for a big branch network now that the government has allowed foreign banks to set up local ATM networks.

Most foreign banks will probably be satisfied that they can adequately service their international customers with just one or two branches. The Hongkong Bank, like Citicorp, will move into its new bank-

The biggest bugbear cited by bankers - aside from some minor tax wrinkles and the traffic - is shortage, and hence high turnover, of good Thai staff who have a reputation for job hopping. One European banker said: "It's really painful to see a young banker you have nurtured lured to a rival - but it's the same for every bank so I guess it is still a level playing field."

Foreign bankers talk of the banking opportunities in taking a lengthening list of companies to the stock market, of financing the country's multi-billion dollar infrastructure programme and helping corporations tap the capital markets for funds. Citicorp's Mr Hendrix compares Thailand with the 13 years he spent in Hong Kong: "There's a lot that I saw in the evolutionary development of the Hongkong capital market that I am seeing here - only at a much quicker pace."



A panoramic view of Bangkok and the Chao Phraya river: one of Asia's most enlightened financial centres

Picture: John Wright

Financial services are expanding rapidly, writes Peter Montagnon

## Strains and pains of growth

On the surface, Thailand's financial markets seem to be developing at a similar cracking pace to the economy as a whole. Last month saw the official launch of a new bond market, while in its first two years of existence the Securities and Exchange Commission has tightened up considerably on regulation. It is now considering the introduction of a derivatives market.

Thailand will certainly need such a rounded capital market to finance the development of its own infrastructure. It is also almost certainly desirable if the country is to continue to attract a reasonable share of overseas portfolio investment. In recent months foreign buyers have accounted for roughly a quarter of equity purchases on the stock market.

Yet it would be asking too much for the development to proceed smoothly. Though market regulation has improved, practices does not always quite match up to theory, at least where corporate disclosure is concerned. The much trumpeted new bond market is unlikely to conduct a lot of business in the short term because there is as yet no representative government benchmark bond. Uncertainty over the tax treatment of bond trades is also holding business back. The first day of trading saw turnover of only Baht 6.5m.

Mr Prasarn Trairatvorakul, SEC deputy secretary-general, points to a number of achievements since his organisation was set up. "We have brought the issues to the public in quite clear terms," he says. Brokers seem to agree. "It's not a revolution, but they are chipping away," says Mr Graham Catterwell of Crosby Research.

Bringing even a semblance of order to what was basically a market dominated by a few large players able to ramp particular issues is no mean feat for the SEC. It has meant taking on some powerful vested interests, but the SEC can claim two successes:

■ It brought a series of prosecutions of people charged with artificial share-price manipulation. Though the worst cases failed in the first instance to secure conviction, Mr Prasarn argues that the SEC's demonstration that it was serious has had a deterrent effect. "There was bubble

stocks, which rose despite unfavourable fundamentals. That's quite diminished," he says.

■ The SEC has tightened up on the rules concerning new issues. The old pattern was for large slices of a new issue to be made available cheaply to executives of the company concerned, the lead underwriters and other parties closely involved. Now at least 30 per cent of a new issue must be placed with retail investors and only 10 per cent may be set aside for preferential allocation. The SEC also requires new issuers to employ independent financial advisers who advise on the issue price and are jointly responsible with the company for the information in the prospectus.

These measures have enhanced the integrity of the market, but brokers say more remains to be done. A particular bone of contention is the haphazard way in which company results are announced. Though the rules in this regard are quite clearly defined, in practice the process by which information is disseminated through the stock exchange to investors looks flawed.

Normally only a headline earnings figure is revealed and it may be days or weeks before a fuller version becomes available. During that time, however, some investors will have been able to obtain details of the financial statement and thereby put themselves in a privileged position vis-à-vis those who have not.

The Stock Exchange of Thailand itself denies there is a problem. "We have specific rules already about what companies have to disclose periodically," says Mr Chintanasri, president. The exchange has several ways of disseminating information, including its daily bulletin board in its library for inspection, he adds.

As in other countries it is hard for the

SEC to clamp down on insider dealing which carries a maximum penalty of two years in prison. Evidence is hard to come by, but the SEC is trying to combat this by requiring potential insiders - individuals closely associated with a company - fully to disclose their transactions. It is asking companies to make public statements when the movement in their share prices becomes excessive.

Regulating Thailand's financial markets is made harder by the sheer pace of change. The SEC is keen to introduce a derivatives market, for example, because it will provide institutional investors with a means of hedging their positions and make the market as a whole more efficient. But a pre-requisite for the development of equity futures is an end to the ban on short-selling of shares. This in turn will weaken the SEC's ability to combat artificial manipulation of share prices.

On the other hand, if the SEC delays too long, derivative markets for Thai financial products will simply develop elsewhere - they cannot be regulated.

Already the cowboy image of the financial markets has receded as greater institutional presence adds to depth and liquidity. According to Mr Chaipat Sahasakul of the stock exchange, 70 per cent of the shares in issue are held by institutions, though small retail investors account for a similar percentage of the average daily turnover of \$375m. The retail share is declining and the exchange has already noticed a reduction in price volatility.

Foreign investors have made their presence felt, though there is still very little evidence that they are directly concerned with corporate governance. Thai institutional involvement is growing as well, though mutual funds make up only between 5 and 10 per cent of equity market transactions. Brokers say they expect to play a larger role. The government's plan to set up a pensions scheme next year may also reduce the domination of the market by retail players.

When that happens the regulators will be able to settle down to a more normal life. Meanwhile they are having to come of age at breakneck speed.

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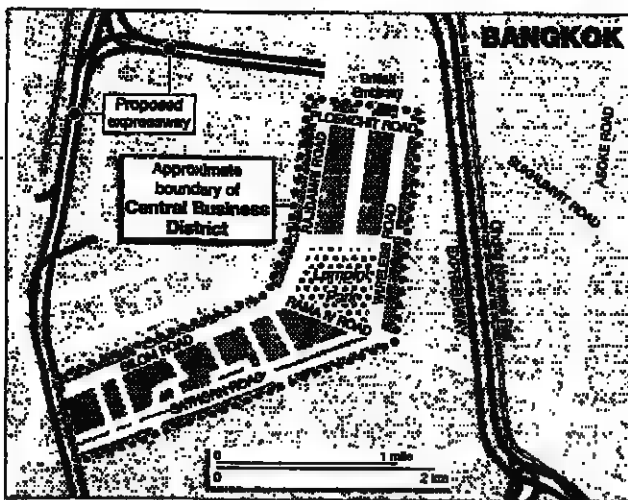
INTERNATIONAL NETWORKING

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## BANGKOK'S BUSINESS DISTRICT

## A pattern emerges



lines of a central business district (CBD) at the heart of the Bangkok metropolitan area - which is one-and-a-half times the size of Hong Kong or seven times the size of Singapore.

Property consultants differ over the exact dimensions of the CBD but most agree that it is bounded in the north by Ploenchit Road (and the British Embassy) and in the southwest, stopping some way short of the river.

"We are starting to see a very definite congregation of finance and services type companies in this area. But only in a specific number of buildings which shows that quality is becoming important too," says Mr Paul Seales, Jones Lang Wootton's managing director in Bangkok.

Certainly, Silom Road, Sathorn Road and Wireless Road are important locations, even if the area - broken in two by Lumpini Park - is still big by City of London standards.

Even three years ago Thai investors appeared rather unconcerned about location. That has changed, and a few

of the property market in 1994 has been the phenomenal success of condominium projects within the CBD.

Rentals on the fringes of the developing financial district may be suffering because companies want to be in, rather than merely near, the CBD.

Thus Sukhumvit Road - traditionally the foreigners' ghetto - has fallen somewhat out of favour because of its particularly bad traffic, even though its western end links to the emerging CBD.

Prime rentals are lower on Sukhumvit than around the busy junctions of the Vibhavadi Rangsit and Phaholyothin roads in the north of the city where trading and automobile companies have gathered; such areas acquire their own hotels, entertainment areas and housing.

Similarly the riverside hotels risk losing business customers because their picturesque location is separated from the northern end of the CBD by frequent traffic congestion.

However, Bangkok Bank, south-east Asia's biggest financial institution, along with the Bank of Ayudhya, could drag other financial companies with them when they move to new headquarters sites by the river in about 1998.

Other casualties are the companies which were lured on to the awkwardly placed Asok Road - a particularly congested route running off Sukhumvit - which was touted at the beginning of the decade as a new financial district.

**WILLIAM BARNES** describes how a central business district is emerging from the sprawling chaos of Bangkok as institutions start to gravitate towards certain focal points

The price of renting a top grade office in the first quarter of 1994 was \$178 per square metre per year, compared with \$1,000 in Hong Kong and \$907 in Singapore.

But trying to work out where to set up shop in Bangkok's sprawling chaos can be a tough decision given the dire consequences of becoming committed to a property half a kilometre beyond the wrong set of traffic lights; you could condemn your colleagues to years of having to leave mid-morning for a lunch appointment.

Nevertheless during the 1990s the accelerating movement of previously scattered businesses towards certain focal points revealed the out-

To live up dreary nights Bangkok bars will sometimes hire a bizarre cabaret act: a couple of grossly overweight transvestites who stagger on to a makeshift stage, a writes WILLIAM BARNES.

Although this is a familiar routine the crowd roars with laughter as the two performers - with impressive imitations of advanced drunkenness - brightly explain the various unprintable things they will do for a pittance.

Welcome, you might say, to Isarn - the north-east of Thailand. What makes this cruel lampoon so dangerously funny for many Thais is that it contains more than a hint of the truth about the realities of life in Isarn.

Far behind the rapid industrialisation of Bangkok and other urban areas there is another Thailand, one where - far from capital's gridlocked Mercedes, Volvos and BMWs - people sometimes supplement their meagre diet by eating such local delicacies as dung beetles and tadpoles.

Official statistics show that Thailand as a whole has done well in eradicating poverty, infected water and the other symptoms of third world misery. Latest figures show that the average per capita income in Bangkok is more than \$112,000 per month.

But in Isarn, the figure is only \$14,244. No area of the country is poorer than the arid north-east which accounts for a third of the land area and a third of the population. The Bangkok authorities only exercised effective sovereignty over this area of the country - historically a part of the Lao Kingdom - towards the end of the 19th century.

Over the last three decades economic planners have vaguely assumed that the local economy would prosper as a result of the dams and roads that Bangkok built.

Yet many inhabitants' lives appear as difficult as ever. The traditional rice farming supplemented by a little hunting and fishing has been badly disrupted by environmental damage.

Forest cover in Isarn has dropped from 43 per cent to 15 per cent in 25 years; salt mining and had irrigation has sputtered much good land. Farmers - who rarely have proper land title - are sometimes thrown off the land to make way for eucalyptus plantations.

## POVERTY IN THE NORTH EAST

## A diet of dung beetles

It is a sign of the population's frustration that communist insurgency in Isarn ended only in 1980, and that some villagers in this predominantly Buddhist country have converted to Christianity.

The failure of the Thai educational system is nowhere more painful than in Isarn. In Thailand as a whole, only a third of workers have more than the compulsory six years of what critics say is often mediocre schooling, but in Isarn the real figure is believed to be much lower than the national average. The education system is seen as having little relevance to life's harsh realities. Illiteracy is high.

Yet almost every villager nowadays has access to a television set which emphasises how good life is in Bangkok.

Villagers will often borrow money - not from banks to whom they can offer no collateral - but from money lenders. The result is more misery.

Most children are packed off to work by their middle teens as labourers, factory workers or worse, only to be discarded in their mid-20s when they can no longer gut chickens or polish guns fast enough.

Barely educated, unsophisticated

cated in the ways of the city and dark compared with the pale-skinned Sino-Thais, many Isarn migrants are prey to prejudice and entrepreneurial ventures.

There could be 2m Isarn workers living in Bangkok slums or on the eastern seaboard industrial complex; no one really knows because they remain on the electoral roll of their old village.

Even Thailand's modestly sophisticated economy appears to have a limited use for the undereducated workforce over the last six years of very high economic growth. The total number of Thais working overseas has climbed sharply from 288,000 in 1983 to 430,700 this year.

Last year, Isarn workers abroad channelled \$300m back to the north-east through the banking system; at least \$100m will have been carried back by hand. This money is important but it simply means Isarn's role as a cheap labour pool and a "home" for workers (who may in any case never return to live in their old villages after so many years).

The post-communist opening

up of Indochina should bring more trade and business to Isarn although the current proposals for new transport links - such as a highway from Isarn through to Danang on the Vietnamese coast - may not be the panacea that is sometimes suggested.

The current Thai government is pouring billions of baht into economic development in the region, but private investors are harder to attract.

There seems little hope that more than a handful of big manufacturers will be lured into the region soon given its dearth of skilled labour; half the \$2bn private investment that went into Isarn last year went into Nakhon Ratchasima, a town on the edge of the region and the nearest to Bangkok.

"The villagers complain that the manufacturers we bring in only want to exploit them. But frankly what do they expect - I don't think we are going to see many aerospace manufacturers down here," says Mr Sukhik Manesthrapattanakul, director of the Regional Development Centre in Khon Kaen, a government think tank.

In Khon Kaen, a bustling Isarn town, local businessmen proudly

said that was the fishing manufacturing centre of Thailand. This is a dubious honour: the Isarn Friends of Children, a charitable organisation, recently found children working in the fishing net factories for less than \$2 a day.

Mr Amnuay Viravan, a former deputy prime minister and banker who will contest the next election in Khon Kaen on behalf of his newly formed Nam Thai political party, is more optimistic.

"I knew the north-east 35 years ago - believe me things have improved enormously. Now I think Isarn can join the economic mainstream - its people are tough enough and hardworking enough to overcome the problems," he said.

For centuries before the Isarn claimed control of the region power lay in the hands of the most influential local families. Little has changed, and the rural poor still look to Thailand's corrupt police force for support.

In election after election, political parties bought their way into power by bribing the desperate and malleable voters in the north-east with cash or promises.

One Khon Kaen social leader, asked not to be named, said that education was the key to unlocking the grip of corrupt local government on Isarn's future. "How can someone who doesn't even read decide which politicians will do more than try to fill his own pockets?"

Indecisiveness hampers vital public works, says Peter Montagnon

## Traffic jams and bottlenecks

Few people who struggle in an appointment through Bangkok's gridlocked traffic would disagree with the proposition that Thailand's infrastructure is in a mess. Such is the pace of development, and so wholly absent a co-ordinated transport policy, that the roads simply cannot cope with an ever increasing volume of cars.

Yet the long-suffering Thais themselves are strangely accepting of the situation. Politicians from the Bangkok region say traffic tops voter concern, but still the pressure is not such as to force the government to act. Perhaps the infrastructure problems matter less in the short run than outsiders at first sight imagine. Or perhaps everyone knows there is little the government can do.

Both thoughts contain a grain of truth. With an economic growth rate expected to

be in the region of 8 to 9 per cent over the next couple of years, there is little discernible impact yet on the economy from infrastructure bottlenecks. The traffic jams in Bangkok are highly conspicuous, but elsewhere the road network is good. If congestion in the capital causes growth to shift to the provinces, then, some would argue, so much the better. Development of the national economy would be better balanced.

The real problem concerns Thailand's ability to make sensible decisions for the longer term. Unless the government can secure an efficient infrastructure, the country's competitive advantage could disappear. Thailand would find it hard to attract productive investment if a poor infrastructure made doing business just at the time when cheap labour from nearby Indochina was coming on stream.

Unlike many developing countries Thailand has no need to sell off state enterprises at fire sale prices to cover its budget deficit. Indeed with its massive financial surplus that particular question simply does not arise. Instead the privatisation programme has been driven more by the need to make state enterprises more efficient and to co-opt private capital for the expensive investments that inevitably lie ahead.

The World Bank has suggested that as much as \$12bn a year could need to be spent on the infrastructure for the next five years. "A major concern is that sectoral reform ensures that existing efficiency is maintained and guarantees that huge infrastructural investments can be financed and implemented in a timely

ahead. □ Continued on next page

This announcement appears as a matter of record only



Provincial Electricity Authority  
Thailand

£15,019,490  
Long Term Soft Loan

Guaranteed by  
The Ministry of Finance  
of  
The Kingdom of Thailand  
supported by  
Export Credits Guarantee Department  
and  
Overseas Development Administration  
for  
the design and supply of mini hydro-electric generating plants  
and substations by  
Balfour Beatty Projects & Engineering Limited

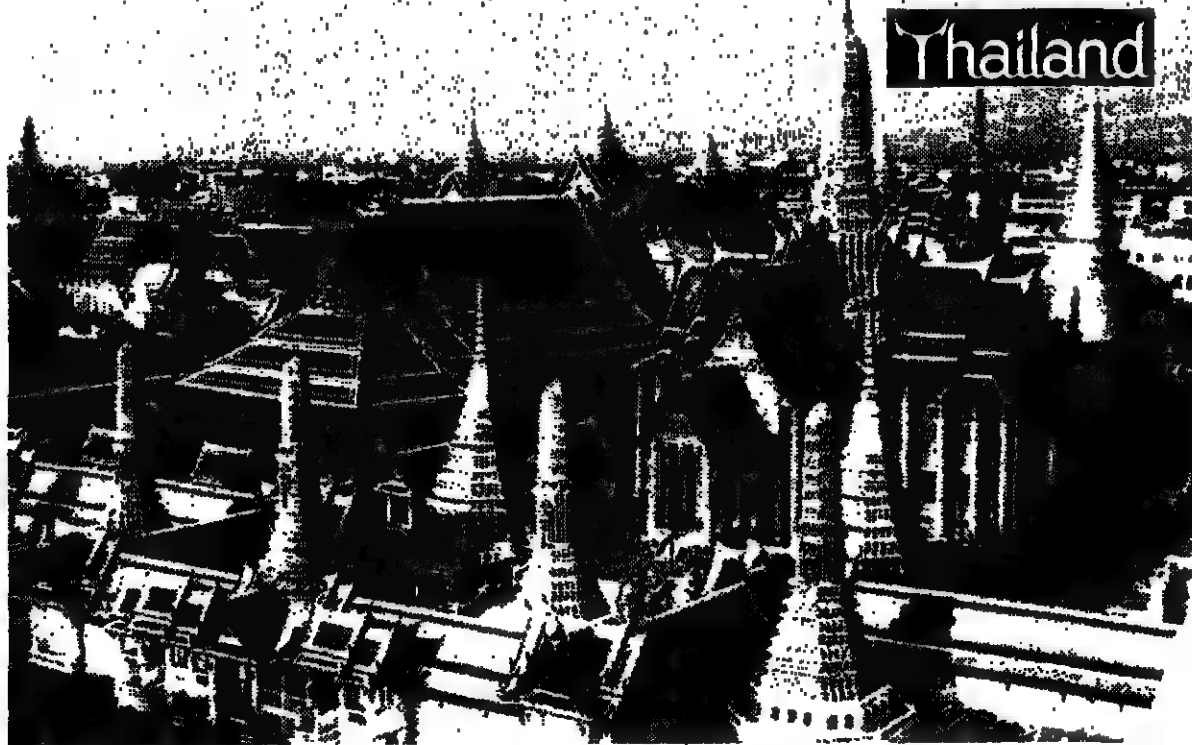
Arranged and Provided by  
ANZ Grindlays Bank plc

Legal Advisers to the Arranger:  
Norton Rose

ANZ

August 1994

There's no limit to the treasures  
you can discover in the Kingdom.



"Royal Grand Palace  
and The Emerald Buddha Temple", Bangkok

Thailand has almost as much to offer as any other country in the world. But it's so easy to get lost in that you can keep returning to discover more. Throughout the year, festivals are celebrated with colorful processions, dazzling dances and spellbinding events. 1994 - 1995 will also offer many sparkling and unforgettable moments: the Kingdom commemorates the Fiftieth Anniversary (Golden Jubilee) Celebrations of His Majesty's Accession to the Throne. So, come visit the Kingdom and let us help transform your dreams into reality...

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## THAILAND

■ Interview: PRIME MINISTER CHUAN LEEKPAI talks about his aims, hopes and fears

## 'Our democracy is on trial'

MR CHUAN LEEKPAI, the Thai prime minister and Democrat Party leader, has surprised his political allies and enemies alike by surviving at the head of a fragile coalition government for more than two years. If he continues for another two years this would be the first time a democratically-elected government in Thailand - a country notorious for coups d'état - has completed a full term in office. But some of his critics say Mr Chuan has survived merely by avoiding hard decisions.

Recently the coalition's Palang Dharma party fired its cabinet ministers, including the foreign minister, and imposed a new batch of ministers on Mr Chuan.

VICTOR MALLET and PETER MONTAGNON asked Mr Chuan how he coped with this and other issues.

Q: How do you deal with this political system where you are not able to choose your own cabinet? What is your style of government?

PRIME MINISTER: I know that it's a very difficult system but I think Thailand will have to live with coalition governments for quite some time, so we must try not to make that weakness a limitation on the ability of a coalition government to work and last.

I think a democratically elected government has to prove that it can work efficiently, that it can handle the problems of the country quickly without giving in to

mob rule or influential groups. From my experience I believe that some governments tend to create excitement for the media and the people to satisfy them in the short term but in the end create more problems for the government. I was determined not to have that happen, which I think is the reason why we were heavily criticised during our first months.

As for the reshuffle in the Palang Dharma party that was not something that was the wish of the government; it was



Chuan Leekpai: we must not yield to mob rule or influential groups

to do with the internal problems of the party. And we have a kind of gentlemen's agreement that on matters of personnel we would leave it to the judgments of individual parties unless... very, very good reasons for me to exercise a veto right. Some of these changes will mean me to

harder because a lot of the ministers will have to start from the beginning, but it's necessary to keep the administration going and I think that despite the enormousness of the people in general about these changes we can carry on working together.

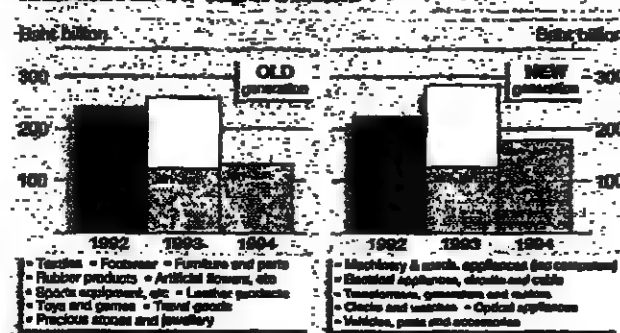
Q: But the government is criticised for not being decisive enough in tackling problems, such as Bangkok's traffic. What decisions are you taking?

The traffic problem is not a new problem. It didn't start with this government and it's a result of past neglect. As for old (mass transit) projects with contracts already signed, we may or may not agree with these projects but we have no other option but to support their implementation, otherwise there will just be more delays and the problem that government would be breaking the contract. Over the last two years, there are many projects and measures that we are implementing, otherwise the traffic would be much worse than it is today.

We are the first government to focus on the decentralisation of economic activities and therefore help ease the growth of Bangkok. By creating jobs in rural areas we have managed to prevent about 100,000 or 200,000 people from migrating to Bangkok.

The decentralisation policy I think will be seen as a success clearly in the next two to three years when the growth of Bangkok will be reduced and

## Manufactured export items



factories in Bangkok will be moved out. The decentralisation we're talking about is on all fronts, not just political power but for instance education, financial institutions, these are all going to be decentralised and we will not allow Bangkok to grow the way it's done in the past.

Q: What will be the shortcomings of the education system have on Thailand's competitiveness?

During the last two years we've now managed to extend education so that about 92 per cent of primary school leavers in the latest educational year are going on to secondary school. And I believe that although we do have problems it is within our capabilities to upgrade our education system. There are shortages in some areas, such as engineers and the sciences. We have too many social science graduates.

Q: What will Thailand offer Thai and foreign investors that can't be found more cheaply in the future in other Asian countries?

The fact that companies like Toyota, Honda, Mitsubishi, even Chrysler decided to choose us as a base for their production shows that they see some advantages. So if the tax system is quite favourable and other factors are comparable, we have an opportunity. We are quite a big market here with 60m people and also with considerable purchasing power, and geographically we are at the centre of the southeast Asian region. And the established market system that we have had for a long time and a democratic form of government will also be contributing factors. The one weakness we may have is that we're never been a colony so we're not very good at foreign languages.

Q: How are you tackling the growing gap between rich and poor?

It is true that in Thailand and other countries in the region the tax system has failed to catch the rich people. But overall during the last one and a half years the group of people who are the poorest - the farmers - have had their incomes considerably increased. We have helped the very poorest, that is the landless farmers. We have managed to push our land reform programme. That is the most perceptible change that we have created in rural areas.

We're not going as far as these schemes in European countries. We're merely supporting farmers to be able to stand up on their own with the supplementary income; and their children will be absorbed by the growth of the industrial sector so the proportion of people employed in the agricultural sector will be steadily reduced. It's just that those who remain must be able to make a living. We have allocated budget for three years now - 60 per cent of the budget will now go to rural areas.

We have to continue the trend of decentralisation in the budget and because the fiscal position is rather healthy we have some room for manoeuvre for this purpose. We will stick to these priorities and we hope that the next government would then continue and may see results. In any case we will put this objective in the eighth development plan in a way that would, I guess, commit future governments to this course. I think the approach is broadly accepted and there is very little opposition - it just depends on the determination of the people who come in to implement it, because usually the people who form policies are based in Bangkok.

Q: At the half-way point, how do you rate your chances of being the first elected government to survive a full four-year term?

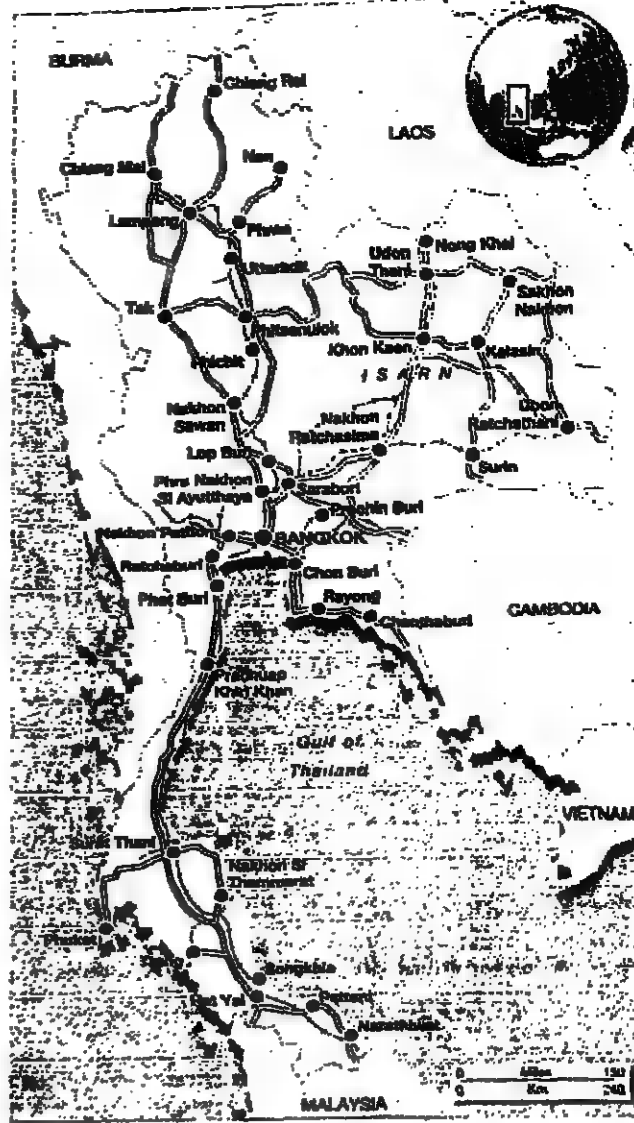
In a parliamentary system, parliament can always dissolve and there could always be changes. For a coalition government made up of five political parties, I'm satisfied with two years. For the remaining time it's important to support the system. Once the system is widely accepted any future changes will then go according to democratic rules. I can assure you that there will be no extra-constitutional forces leading to the fall of this government - that is what I've been determined to maintain.

Q: Some say this would be a good time for you to call an election. Do you think so?

I know that generally there are such feelings, but whatever we have we don't have enough money to fight some of the other parties in some areas. So I'm not thinking of dissolution at the moment. I'm trying to think how to fight vote-buying in the future. This problem will get worse. I've been in politics for 25 years and I can see the trend. There is more vote-buying now.

Q: Why is that? Isn't Thailand becoming wealthier and more sophisticated?

Because there are more businessmen in politics. In the past



## KEY FACTS

Area 513,120 sq km  
Population 58.3 million  
Head of state King Bhumibol Adulyadej  
Currency Baht (฿)  
Average exchange rate, 1993 \$1=฿25.32; 28/11/94 \$1=฿25.04

ECONOMY	1993	1994*
Total GDP (\$bn)	123.7	n.a.
Real GDP growth (%)	7.8	n.a.
GDP per capita (\$)	2,120	n.a.
Consumer prices (% pa)	3.3	n.a.
Reserves minus gold (\$bn)	24.5	n.a.
Stock market (% change over year)	+88.4	+88.1
Total external debt (\$bn)	38.7	38.1
Current account balance (\$bn)	-7.8	-7.1
Exports (\$bn)	38.4	38.1
Imports (\$bn)	46.2	45.3
Trade balance (\$bn)	-4.3	-4.2
Main trading partners (1993, %)		
Japan	17.2	30.4
USA	21.7	11.5
Singapore	12.1	6.5
Germany	4.0	5.4
Development indicators	15-20 yrs	latest estimate
Population growth rate (% pa)	2.7	1.5
Infant mortality (per 1,000 live births)	55.0	28.0
Life expectancy (years)	69	68
Population per physician	8,384	4,487
Dependency ratio	0.92	0.58
Urban population (% of total)	19.1	23.5
Agriculture as % of GDP	26.9	11.9
Adult literacy (% aged 15+)	21.0	7.0

\* = EU and ADB estimates except CPI (Oct), reserves (Sept) and stock mkt (% change from 31/12/93 to 28/11/94). \* = Ratio of dependent population (aged under 15 or over 64) to working age population (aged 15-64).  
Source: IMF, World Bank, Datastream, Economist Intelligence Unit, Asian Development Bank, Bank of Thailand, Thai Govt.

they used to be lawyers and teachers and these are not people who buy votes. There are more businessmen and some of these people believe money can buy everything so they use the buying system. That is a cause for concern.

Q: Have you seen any signs of corruption in general?

I'm trying to reduce corruption. The majority of the people attach great importance to it, but we are not doing enough at lower levels particularly with the budget in rural areas.

## Infrastructure paralysis

□ Could from previous page manner," the bank said in report last month.

At this point the real problems begin. Thailand's economic management has been very strong on the macro side: it has been absolutely lousy on the micro," says Mr Ammar Siamwala of the Thailand Development Research Institute.

"The problem with infrastructure has nothing to do with lack of capital. It's much more the lack of capability of public decision-making."

To be fair, Thailand's record is not all bad. Egat, the electricity authority, has a long tradition of good technical management with the result that the power supply, though hardly cheap, has been reliable. There has been a notable improvement in the telephone service since the government pushed the two state operators - the Communications Authority of Thailand which deals with international calls and the Telephone Organisation of Thailand which serves the domestic market - into granting concessions to private operators.

The snag is that the underlying legislation is not adapted to such an approach. The state enterprises retain basic monopoly rights which creates uncertainty for the private operators. Reshuffling of the state-owned operators, TelecomAsia, stood to earn too much from arbitrary and

capricious. At best it was a reminder that there is no coherent and predictable regulatory framework.

A number of other developments compound the impression of regulatory weakness.

● Egat retained a controlling interest in the generating company EgCo when it was privatised recently. The World Bank has recommended that Egat reduce its stake in EgCo to below 50 per cent as soon as possible.

● The Japanese company Gumi consortium in March 1994 it had been built - and after it had become clear that the road would be much more profitable than originally expected.

● The fiasco over Bangkok's proposed mass transit system continues. Contracts have been signed by three separate authorities with three separate operators. Hopewell, the Hong Kong construction company controlled by Mr Gordon Wu, is working with the state railways. Bangkok Land is working with a sub-division of the Ministry of the Interior and another local company, Tanayong, is working with the Bangkok Metropolitan Authority.

None of the projects is designed to interconnect, but the contracts have been signed, the government cannot easily scrap the whole thing and start again from scratch.

The common thread running through all these cases is the

First co-ordinated planning to - that public receives services it requires, and second to establish a regulatory system that will prevent abuse of monopoly power in sectors where competition will always be limited.

Such a prescription seems a tall order for a developing country. Even in the UK, which has extensive experience in regulating privatised utilities, regulation has been a tough task. But the Philippines is attempting to do a monopoly question. It is ultimately essential if the private sector is to play a significant role in the provision of infrastructure.

That poses several alternatives for Thailand. One is that many state enterprises are profitable in their own right and their management are highly paid. They will not open themselves up to competition easily, as the case of Egat has shown.

Another is that Thailand's approach to co-ordination is the single-minded one aimed for firm and impartial regulation. The peculiar history of the Bangkok mass transit project shows that the coalition only works when all the vested interests are allowed to have their say, despite the fact that they are not in the best interests of the nation.

Democracy has arrived in that way for two years now. At least where the infrastructure is concerned, the task for the next two may lie in making order out of chaos.

## TAIWAN

July 1994  
President Enterprises Corp.  
US \$100,000,000  
NII Company Bonds due 2001  
Exchangeable into shares of  
"Ton Yi Industrial Corp."\*  
Joint Lead Manager  
Bankers Trust AG  
Bankers Trust International PLC

June 1994  
Chunxun Electronic Co., Ltd.  
SFR 60,000,000  
2 1/4% Convertible Notes due 2000  
Lead Manager  
Bankers Trust AG

March 1994  
ADI Corporation  
SFR 60,000,000  
9 1/4% Convertible Notes due 1998  
Co-Lead Manager  
Bankers Trust AG

September 1993  
Pacific Construction Co., Ltd.  
SFR 60,000,000  
2 1/4% Convertible Notes due 1998  
Joint Lead Manager  
Bankers Trust AG

## KOREA

July 1994  
GoldStar Co., Ltd.  
1,696,524 Global  
Depository Shares  
Basis 1994, private offering\*  
US Co-Lead Manager  
BT Securities Corporation

March 1994  
Youngone Corporation  
SFR 15,000,000  
9 1/4% Convertible Notes due 1999  
Co-Lead Manager  
Bankers Trust AG

September 1993  
CITIC Frontier Fund PLC  
US \$59,400,000  
Special Warrants  
Floating Rate Notes due 1996  
Lead Manager  
Bankers Trust International PLC

July 1993  
Sungyong Oil Refining  
Company Limited  
US \$150,000,000  
7 1/4% Convertible Bonds due 2008  
Co-Lead Manager  
Bankers Trust International PLC

## THAILAND

July 1994  
Alphatec Electronics  
Public Company Limited  
US \$45,000,000  
4 1/4% Convertible Notes due 1999  
Lead Manager  
Bankers Trust AG

April 1994  
Robinson Department Store  
Public Company Limited  
US \$40,000,000  
4 1/4% Convertible Bonds due 2004\*  
Co-Lead Manager  
Bankers Trust International PLC

These leading Asian companies selected Bankers Trust as a lead when raising equity-related capital in the global markets. Bankers Trust's innovative structuring and distribution capabilities, and commitment to secondary market liquidity, resulted in these and other equity offerings for clients in the emerging markets of Asia, Latin America and Europe.

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150 من الاجل



P.V. Narasimha Rao  
Prime Minister of India

### "Forward with liberalisation"

"India, today, is a vibrant economy responding to the needs of the international business community and creating an environment conducive to investments. Thus paving the way for mutually beneficial, long lasting relations."

The economic reforms program steadfastly continued since 1991,

- "is tailored for the Indian scenario."
- "provides an extremely lucrative business environment for the investors worldwide."
- "has been phased yet continuous."

### HEAVYWEIGHTS ALL

With liberalisation, India has witnessed the arrival of some of the world's best-known names.

The power sector now has international players who have further enlarged the industry like

• ENRON • COGENTRIX • ST POWER

In the telecom sector, many giants have either entered this mega market or taken steps to expand their operations. To mention a few

• ALCATEL • AT&T • SPRINT • ERICSSON • NKT.

The oil, natural gas and lubricants sector features international names which are not alien to India anymore

• MOBIL • CALTEX • SHELL • ELF  
• TOTAL • PENNZOIL • GULF • MOTOROL  
• MOTUL

The automobile industry - after it was delicensed, attracted well known car manufacturers from overseas.

• GENERAL MOTORS • PEUGEOT  
• CHRYSLER • DAEWOO • DAIMLER  
• BENZ • ROVER • FORD.

In the civil aviation sector world renowned names have made successful landings in the country.

• LUFTHANSA • MALAYSIAN AIRLINES

With the mutual funds operations being opened for the private sector, international investment companies perceive India as a great opportunity. Some of the top international financial giants are here already

• MORGAN STANLEY • MERRILL LYNCH  
• PEREGRINE • JARDINE FLEMING  
• SOROS

With the restrictions on opening of private banks removed, many new banks have opened. Some of these include

• INDUSIND BANK • UTI BANK • ING BANK  
• ICICI BANK.

The financial sector has been enhanced further with the entry of Broking and investment firms like

• BARCLAYS • JARDINE FLEMING.

The Indian government's decision to allow consumer product MNCs to own 51% equity has lured popular international giants like

• PEPSI • COKE • HEINZ • SONY  
• KELLOGGS • KENTUCKY FRIED  
CHICKEN • REVLO • WRIGLEYS.



# INDIA

## A PROFILE OF BUSINESS OPPORTUNITIES.

REPRESENTING MAJOR OPPORTUNITIES FOR INTERNATIONAL BUSINESS INVESTORS

Today, the extent and pace of reforms being undertaken by India has convinced the world business community that India means business. A host of multinationals have set up in India to take advantage of the lucrative business

environment. An environment created by an economy that is market-led, investor friendly and sensitive to the needs of the international investing community. As a spring-board to the gigantic market called Asia.

### THE INDIA OPPORTUNITY



#### POWER.

- Entry of private sector allowed for generation and distribution.
- 100% foreign equity allowed.
- 5 year tax holiday.
- Permission to set up hydel, thermal or wind/solar energy projects of any size.



#### DRUGS AND PHARMACEUTICALS.

- New Drug Policy formulated.
- Most bulk drugs and their formulations delicensed.
- List of price controlled drugs halved.
- Higher rate of return for price controlled drugs.



#### TELECOM.

- Entry of private sector allowed for basic telecom services.
- Foreign equity allowed subject to certain conditions.
- Manufacture of telecom equipment delicensed.
- E-mail, voicemail, cellular mobile phones, radio paging, data services, video conferencing etc opened up for private sector investment subject to certain guidelines.



#### PETROLEUM.

- Private sector bidding for oil exploration invited.
- Private sector allowed in the lubricants industry.



#### AUTOMOBILES.

- Motor car industry delicensed.
- Time bound indigenisation rules abolished.
- Up to 51% foreign equity participation allowed.



#### CIVIL AVIATION.

- Private sector allowed to operate domestic airlines.
- Foreign equity in private sector domestic airlines up to 49% to be approved on a case by case basis.
- Privatisation of airports being considered.



#### WHITE GOODS.

- Industry delicensed.
- Up to 100% foreign equity participation allowed.



#### ROADS AND HIGHWAYS.

- The private sector permitted to finance, construct, maintain and operate identified roads, highways and bridges.
- Also allowed to levy a toll fee for the roads constructed by them for a certain period after which the control would come to the government.



Manmohan Singh  
Finance Minister of India

### "Integrating the economy with the international mainstream"

"India has always been determined to provide a hospitable and profitable environment for foreign direct investment inflows. The current economic scenario in the country and the massive response generated in terms of FDI inflows amply prove the merits of these reform measures."

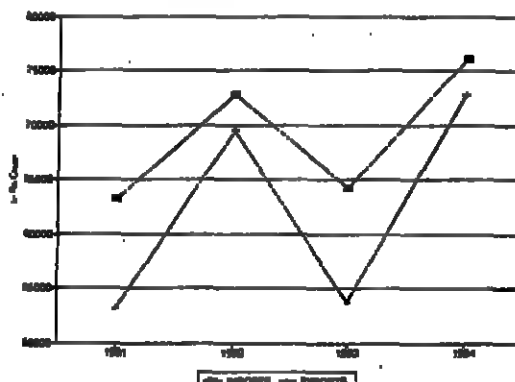
Through these liberalisation measures,

- "a new era of efficiency is being ushered into the country."
- "a constant effort is being made to integrate the economy with the international mainstream."
- "a viable macroeconomic environment is being established for sustained overall development."

### ACHIEVEMENTS. A REVIEW

#### INDIAN EXPORTS - ON THE UPSWING

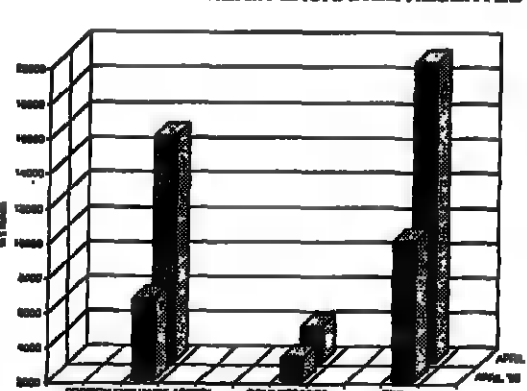
• Spectacular performance of Indian exports. Exports increased from Rs.53,888 crores in 1992-93 to 72,806 crores in 1993-94, an increase of 15%.



#### FISCAL DEFICIT - UNDER CONTROL

• Fiscal deficit has come down from 1.4% of GDP in 1992-93 to 0.8% in 1993-94. The government is confident that this will be brought down to 4% by 1996-97.

#### COMFORTABLE FOREIGN EXCHANGE RESERVES



• The country has received \$4.16 billion worth of foreign investment since 1991 when the measures were initiated. 57% of these approved projects are already on stream.

• By April 1994, 130 companies plan to launch a total of \$11.7 billion worth of GDRs and bonds.

Indian Euroissues will continue to interest foreign investors in the Euro market as industry specific funds are hungry for GDRs in the sunrise industry.

• Industrial growth is one of the highest among countries under the transition phase of their economies.

• Higher excise, customs revenue collections in spite of lowering of the tariff structure reconfirms the surge in the economy as a lower tariff structure has led to greater incentives for production which has resulted in greater collections.

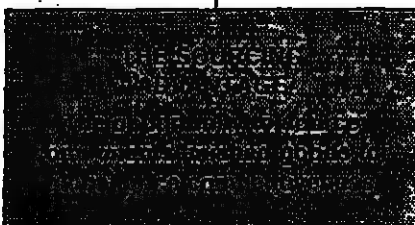
#### EXCISE AND CUSTOMS REVENUE COLLECTIONS

	1994-95	1993-94
(for the first half of the respective financial year)		
Excise	17,065	14,208
Customs	11,686	10,085

(Figures in Rs. Crores)

Madhyan/GOI/7594

### THE INDIA ADVANTAGE





## WORLD STOCK MARKETS

EUROPE									
Austria (Dec 2 / Pt)									
ATX	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Belgium/Luxembourg (Dec 2 / Pt)									
BRXL	3,456.78	+45.67	3,502.45	3,456.78	3,456.78	3,456.78	3,456.78	3,456.78	3,456.78
Germany (Dec 1 / Dm)									
DAX	2,345.67	+34.56	2,380.23	2,345.67	2,345.67	2,345.67	2,345.67	2,345.67	2,345.67
France (Dec 1 / Ffr)									
CAC	4,567.89	+56.78	4,624.67	4,567.89	4,567.89	4,567.89	4,567.89	4,567.89	4,567.89
Italy (Dec 1 / Lit)									
FTSE	12,345.67	+123.45	12,469.12	12,345.67	12,345.67	12,345.67	12,345.67	12,345.67	12,345.67
Netherlands (Dec 2 / Fl)									
AEX	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Spain (Dec 1 / Ptas)									
IBEX	3,456.78	+45.67	3,502.45	3,456.78	3,456.78	3,456.78	3,456.78	3,456.78	3,456.78
Sweden (Dec 1 / Krona)									
OMX	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Switzerland (Dec 2 / Frs)									
SIX	2,345.67	+34.56	2,380.23	2,345.67	2,345.67	2,345.67	2,345.67	2,345.67	2,345.67
UK (Dec 1 / £)									
FTSE 100	4,567.89	+56.78	4,624.67	4,567.89	4,567.89	4,567.89	4,567.89	4,567.89	4,567.89
APAC									
Japan (Dec 2 / Yen)									
Nikkei	12,345.67	+123.45	12,469.12	12,345.67	12,345.67	12,345.67	12,345.67	12,345.67	12,345.67
Korea (Dec 2 / Won)									
KOSPI	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Taiwan (Dec 2 / New Taiwan Dollar)									
TSEI	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Hong Kong (Dec 2 / HK\$)									
HK 100	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Singapore (Dec 2 / S\$)									
SEI	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Malaysia (Dec 2 / MYR)									
KLSE	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Philippines (Dec 2 / P\$)									
SEI	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
South Africa (Dec 2 / Rand)									
FTSE	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Africa									
South Africa (Dec 2 / Rand)									
FTSE	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
North America									
Canada (Dec 1 / C\$)									
TSX	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
USA (Dec 1 / \$)									
DOW	4,567.89	+56.78	4,624.67	4,567.89	4,567.89	4,567.89	4,567.89	4,567.89	4,567.89
Australia (Dec 2 / A\$)									
ASX	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56

INDICES									
Dec 2 1994									
Argentina	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Brazil	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Canada	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
France	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Germany	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Italy	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Japan	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Korea	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Malaysia	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Philippines	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
South Africa	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Spain	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Sweden	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Switzerland	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Taiwan	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Thailand	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Turkey	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
UK	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
USA	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
World	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56

US INDICES									
Dec 2 1994									
Dow Jones	4,567.89	+56.78	4,624.67	4,567.89	4,567.89	4,567.89	4,567.89	4,567.89	4,567.89
S&P 500	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
Nasdaq	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
NYSE	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
AMEX	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
NYSE	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
AMEX	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
NYSE	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56
AMEX	1,234.56	+12.34	1,246.90	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56	1,234.56

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# CURRENCIES AND MONEY

## POUND SPOT FORWARD AGAINST THE POUND

Dec 2	Closing	Change	High	Low	Day's	One	Three	One	One	Bank
	mid-point	on day			Mid	month	month	month	year	of
					low	Rate	Rate	Rate	Rate	Eng. Index
Europe	11.1245	+0.0058	11.1270	11.1220	11.1100	11.1100	11.1100	11.1100	11.1100	11.1100
Belgium	32.4600	+0.1325	32.5925	32.3275	32.4600	32.4600	32.4600	32.4600	32.4600	32.4600
France	6.1675	+0.0157	6.1832	6.1518	6.1675	6.1675	6.1675	6.1675	6.1675	6.1675
Germany	4.5038	+0.0017	4.5055	4.5021	4.5038	4.5038	4.5038	4.5038	4.5038	4.5038
Italy	1.6413	+0.0008	1.6421	1.6405	1.6413	1.6413	1.6413	1.6413	1.6413	1.6413
Spain	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Switzerland	1.4594	+0.0001	1.4595	1.4593	1.4594	1.4594	1.4594	1.4594	1.4594	1.4594
UK	1.0000	0.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
US	1.6594	+0.0005	1.6599	1.6589	1.6594	1.6594	1.6594	1.6594	1.6594	1.6594
Japan	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
South Korea	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Taiwan	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Thailand	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Philippines	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Malaysia	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
New Zealand	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
South Africa	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Argentina	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Chile	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Colombia	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Costa Rica	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Cuba	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Dominican Rep.	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Ecuador	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
El Salvador	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Guatemala	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Honduras	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Nicaragua	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Panama	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Paraguay	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Peru	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Uruguay	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Venezuela	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000

## DOLLAR SPOT FORWARD AGAINST THE DOLLAR

Dec 2	Closing	Change	High	Low	Day's	One	Three	One	One	Bank
	mid-point	on day			Mid	month	month	month	year	of
					low	Rate	Rate	Rate	Rate	Eng. Index
Europe	11.1245	+0.0058	11.1270	11.1220	11.1100	11.1100	11.1100	11.1100	11.1100	11.1100
Belgium	32.4600	+0.1325	32.5925	32.3275	32.4600	32.4600	32.4600	32.4600	32.4600	32.4600
France	6.1675	+0.0157	6.1832	6.1518	6.1675	6.1675	6.1675	6.1675	6.1675	6.1675
Germany	4.5038	+0.0017	4.5055	4.5021	4.5038	4.5038	4.5038	4.5038	4.5038	4.5038
Italy	1.6413	+0.0008	1.6421	1.6405	1.6413	1.6413	1.6413	1.6413	1.6413	1.6413
Spain	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Switzerland	1.4594	+0.0001	1.4595	1.4593	1.4594	1.4594	1.4594	1.4594	1.4594	1.4594
UK	1.0000	0.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
US	1.6594	+0.0005	1.6599	1.6589	1.6594	1.6594	1.6594	1.6594	1.6594	1.6594
Japan	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
South Korea	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Taiwan	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Thailand	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Philippines	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Malaysia	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
New Zealand	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
South Africa	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Argentina	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Chile	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Colombia	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Costa Rica	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Cuba	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Dominican Rep.	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Ecuador	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
El Salvador	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Guatemala	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Honduras	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Nicaragua	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Panama	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Paraguay	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Peru	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Uruguay	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000
Venezuela	163.4000	+1.3000	164.7000	162.1000	163.4000	163.4000	163.4000	163.4000	163.4000	163.4000

## WORLD INTEREST RATES

December 2	Over	One	Three	One	One	One	One	One	One	One
	night	month	month	month	month	month	month	month	month	month
Belgium	4%	5%	5%	5%	5%	5%	5%	5%	5%	5%
France	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Germany	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Italy	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Spain	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Switzerland	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
UK	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
US	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Japan	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
South Korea	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Taiwan	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Thailand	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Philippines	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Malaysia	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
New Zealand	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
South Africa	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Argentina	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Chile	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Colombia	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Costa Rica	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Cuba	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Dominican Rep.	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Ecuador	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
El Salvador	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Guatemala	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Honduras	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Nicaragua	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Panama	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Paraguay	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Peru	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Uruguay	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%
Venezuela	5%	5%	5%	5%	5%	5%	5%	5%	5%	5%

## CROSS RATES AND DERIVATIVES

Dec 2	Closing	Change	High	
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OTHER OFFSHORE FUNDS									
Fund Name	ISIN	NAV	YTD %	1Y %	3Y %	5Y %	10Y %	20Y %	30Y %
ATP Management Ltd									
Advisory Fund (Guernsey) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Jersey) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Manx) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Seychelles) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Trinidad & Tobago) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Uganda) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Zambia) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Zimbabwe) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Anguilla) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Antigua & Barbuda) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Aruba) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Bahamas) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Barbados) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Belize) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Bermuda) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Bonaire) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (British Virgin Islands) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Cayman Islands) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Curaçao) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Falkland Islands) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Faroe Islands) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Fiji) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (French Polynesia) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Guam) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Guyana) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Hong Kong) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Iceland) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (India) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Indonesia) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Israel) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Italy) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Japan) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Jordan) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Kazakhstan) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Kenya) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Kuwait) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Kyrgyzstan) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Laos) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Latvia) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Lebanon) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Lithuania) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Luxembourg) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Malaysia) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Maldives) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Mali) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Malta) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Mauritania) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Mauritius) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Mexico) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Moldova) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Mongolia) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Montenegro) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Morocco) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Mozambique) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Myanmar) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Namibia) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Nauru) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Nepal) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Netherlands) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (New Zealand) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Nicaragua) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Niger) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Nigeria) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Norway) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Oman) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Pakistan) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Palestine) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Panama) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Papua New Guinea) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Paraguay) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Peru) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Philippines) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Poland) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Portugal) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Romania) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Russia) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Rwanda) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Saudi Arabia) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Senegal) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Serbia) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Sierra Leone) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Singapore) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Slovakia) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Slovenia) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (South Africa) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (South Korea) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Spain) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Sri Lanka) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Sweden) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Switzerland) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Taiwan) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Tanzania) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Thailand) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Togo) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Tonga) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Trinidad & Tobago) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Tunisia) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Turkey) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Uganda) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Ukraine) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (United Arab Emirates) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (United Kingdom) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (United States) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Uruguay) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Uzbekistan) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Vanuatu) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Venezuela) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Vietnam) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Yemen) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Zambia) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6
Advisory Fund (Zimbabwe) Ltd	000000	1.00	10.5	15.2	20.1	25.3	30.4	35.5	40.6

OFFSHORE INSURANCES

ATA Equity & Life Ltd Life Assurance Co									
Investment: Singapore									
NAV: 1.00									
YTD %: 10.5									
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## CHEMICALS

[illegible]

#### EXTRACTED MATERIALS - Cont.

[illegible]**INVESTMENT TRUSTS - Cont.**

Bank	State	Price	Yield	Rating
Bank of America	NC	100	7.0	A-1
Bank of Boston	MA	98	7.0	A-1
Bank of California	CA	99	7.0	A-1
Bank of Chicago	IL	98	7.0	A-1
Bank of Commerce	NY	99	7.0	A-1
Bank of Hawaii	HI	99	7.0	A-1
Bank of Montreal	MT	99	7.0	A-1
Bank of New York	NY	99	7.0	A-1
Bank of North Carolina	NC	99	7.0	A-1
Bank of the South	SC	99	7.0	A-1
Bank of the West	CA	99	7.0	A-1
Bank of Texas	TX	99	7.0	A-1
Bank of Virginia	VA	99	7.0	A-1
Bank of Washington	DC	99	7.0	A-1
Bank of Wisconsin	WI	99	7.0	A-1
Bank of Wyoming	WY	99	7.0	A-1
Bank of Alaska	AK	99	7.0	A-1
Bank of Arizona	AZ	99	7.0	A-1
Bank of Colorado	CO	99	7.0	A-1
Bank of Connecticut	CT	99	7.0	A-1
Bank of Delaware	DE	99	7.0	A-1
Bank of Florida	FL	99	7.0	A-1
Bank of Georgia	GA	99	7.0	A-1
Bank of Idaho	ID	99	7.0	A-1
Bank of Illinois	IL	99	7.0	A-1
Bank of Indiana	IN	99	7.0	A-1
Bank of Iowa	IA	99	7.0	A-1
Bank of Kansas	KANSAS	99	7.0	A-1
Bank of Kentucky	KY	99	7.0	A-1
Bank of Louisiana	LA	99	7.0	A-1
Bank of Maine	ME	99	7.0	A-1
Bank of Maryland	MD	99	7.0	A-1
Bank of Massachusetts	MA	99	7.0	A-1
Bank of Michigan	MI	99	7.0	A-1
Bank of Minnesota	MINN	99	7.0	A-1
Bank of Missouri	MO	99	7.0	A-1
Bank of Montana	MT	99	7.0	A-1
Bank of Nebraska	NE	99	7.0	A-1
Bank of Nevada	NEVADA	99	7.0	A-1
Bank of New Hampshire	NH	99	7	

## DISTRIBUTORS

	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	2899	2900	2901	2902	2903	2904	2905	2906	2907	2908	2909	2910	2911	2912	2913	2914	2915	2916	2917	2918	2919	2920	2921	2922	2923	2924	2925	2926	2927	2928	2929	2930	2931	2932	2933	2934	2935	2936	2937	2938	2939	2940	2941	2942	2943	2944	2945	2946	2947	2948	2949	2950	2951	2952	2953	2954	2955	2956	2957	2958	2959	2960	2961	2962	2963	2964	2965	2966	2967	2968	2969	2970	2971	2972	2973	2974	2975	2976	2977	2978	2979	2980	2981	2982	2983	2984	2985	2986	2987	2988	2989	2990	2991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## ENGINEERING

Country	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	
Algeria	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Angola	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Argentina	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Armenia	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Australia	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Austria	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Azerbaijan	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Bahamas	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Bahrain	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Bangladesh	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Barbados	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Belarus	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Belgium	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Belize	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Benin	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Bhutan	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Bolivia	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Bosnia and Herzegovina	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Botswana	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Brazil	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Bulgaria	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Burkina Faso	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Burundi	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Cambodia	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Cameroon	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Canada	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Cape Verde	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Chad	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Chile	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
China	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Colombia	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Costa Rica	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Cote d'Ivoire	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	

**DISCUSSION**

[illegible]

## BUILDING & CONSTRUCTION

[illegible]

## CONTINUED INDUSTRIAL

[illegible]

## FOOD MANUFACTURERS

[illegible]

## INVESTMENT TRUSTS

Approved by the State Board of Education	Effective Date	Rate Per Hour	Rate Per Day	Rate Per Week	Rate Per Month	Rate Per Year	Rate Per Day	Rate Per Week	Rate Per Month	Rate Per Year
Approved by the State Board of Education	1/1/01	2.00	8.00	24.00	72.00	864.00	2.00	8.00	24.00	72.00
Approved by the State Board of Education	1/1/02	2.10	8.40	25.20	75.60	907.20	2.10	8.40	25.20	75.60
Approved by the State Board of Education	1/1/03	2.20	8.80	26.40	79.20	950.40	2.20	8.80	26.40	79.20
Approved by the State Board of Education	1/1/04	2.30	9.20	27.60	82.80	993.60	2.30	9.20	27.60	82.80
Approved by the State Board of Education	1/1/05	2.40	9.60	28.80	86.40	1,036.80	2.40	9.60	28.80	86.40
Approved by the State Board of Education	1/1/06	2.50	10.00	30.00	90.00	1,080.00	2.50	10.00	30.00	90.00
Approved by the State Board of Education	1/1/07	2.60	10.40	31.20	93.60	1,123.20	2.60	10.40	31.20	93.60
Approved by the State Board of Education	1/1/08	2.70	10.80	32.40	97.20	1,166.40	2.70	10.80	32.40	97.20
Approved by the State Board of Education	1/1/09	2.80	11.20	33.60	100.80	1,209.60	2.80	11.20	33.60	100.80
Approved by the State Board of Education	1/1/10	2.90	11.60	34.80	104.40	1,252.80	2.90	11.60	34.80	104.40
Approved by the State Board of Education	1/1/11	3.00	12.00	36.00	108.00	1,296.00	3.00	12.00	36.00	108.00
Approved by the State Board of Education	1/1/12	3.10	12.40	37.20	111.60	1,339.20	3.10	12.40	37.20	111.60
Approved by the State Board of Education	1/1/13	3.20	12.80	38.40	115.20	1,382.40	3.20	12.80	38.40	115.20
Approved by the State Board of Education	1/1/14	3.30	13.20	39.60	118.80	1,425.60	3.30	13.20	39.60	118.80
Approved by the State Board of Education	1/1/15	3.40	13.60	40.80	122.40	1,468.80	3.40	13.60	40.80	122.40
Approved by the State Board of Education	1/1/16	3.50	14.00	42.00	126.00	1,512.00	3.50	14.00	42.00	126.00
Approved by the State Board of Education	1/1/17	3.60	14.40	43.20	129.60	1,555.20	3.60	14.40	43.20	129.60
Approved by the State Board of Education	1/1/18	3.70	14.80	44.40	133.20	1,598.40	3.70	14.80	44.40	133.20
Approved by the State Board of Education	1/1/19	3.80	15.20	45.60	136.80	1,641.60	3.80	15.20	45.60	136.80
Approved by the State Board of Education	1/1/20	3.90	15.60	46.80	140.40	1,684.80	3.90	15.60	46.80	140.40
Approved by the State Board of Education	1/1/21	4.00	16.00	48.00	144.00	1,728.00	4.00	16.00	48.00	144.00
Approved by the State Board of Education	1/1/22	4.10	16.40	49.20	147.60	1,771.20	4.10	16.40	49.20	147.60
Approved by the State Board of Education	1/1/23	4.20	16.80	50.40	151.20	1,814.40	4.20	16.80	50.40	151.20
Approved by the State Board of Education	1/1/24	4.30	17.20	51.60	154.80	1,857.60	4.30	17.20	51.60	154.80
Approved by the State Board of Education	1/1/25	4.40	17.60	52.80	158.40	1,900.80	4.40	17.60	52.80	158.40
Approved by the State Board of Education	1/1/26	4.50	18.00	54.00	162.00	1,944.00	4.50	18.00	54.00	162.00
Approved by the State Board of Education	1/1/27	4.60	18.40	55.20	165.60	1,987.20	4.60	18.40	55.20	165.60
Approved by the State Board of Education	1/1/28	4.70	18.80	56.40	169.20	2,030.40	4.70	18.80	56.40	169.20
Approved by the State Board of Education	1/1/29	4.80	19.20	57.60	172.80	2,073.60	4.80	19.20	57.60	172.80
Approved by the State Board of Education	1/1/30	4.90	19.60	58.80	176.40	2,116.80	4.90	19.60	58.80	176.40
Approved by the State Board of Education	1/1/31	5.00	20.00	60.00	180.00	2,160.00	5.00	20.00	60.00	180.00
Approved by the State Board of Education	1/1/32	5.10	20.40	61.20	183.60	2,203.20	5.10	20.40	61.20	183.60
Approved by the State Board of Education	1/1/33	5.20	20.80	62.40	187.20	2,246.40	5.20	20.80	62.40	187.20
Approved by the State Board of Education	1/1/34	5.30	21.20	63.60	190.80	2,289.60	5.30	21.20	63.60	190.80
Approved by the State Board of Education	1/1/35	5.40	21.60	64.80	194.40	2,332.80	5.40	21.60	64.80	194.40
Approved by the State Board of Education	1/1/36	5.50	22.00	66.00	198.00	2,376.00	5.50	22.00	66.00	198.00
Approved by the State Board of Education	1/1/37	5.60	22.40	67.20	201.60	2,419.20	5.60	22.40	67.20	201.60
Approved by the State Board of Education	1/1/38	5.70	22.80	68.40	205.20	2,462.40	5.70	22.80	68.40	205.20
Approved by the State Board of Education	1/1/39	5.80	23.20	69.60	208.80	2,505.60	5.80	23.20	69.60	208.80
Approved by the State Board of Education	1/1/40	5.90	23.60	70.80	212.40	2,548.80	5.90	23.60	70.80	212.40
Approved by the State Board of Education	1/1/41	6.00	24.00	72.00	216.00	2,592.00	6.00	24.00	72.00	216.00
Approved by the State Board of Education	1/1/42	6.10	24.40	73.20	219.60	2,635.20	6.10	24.40	73.20	219.60
Approved by the State Board of Education	1/1/43	6.20	24.80	74.40	223.20	2,678.40	6.20	24.80	74.40	223.20
Approved by the State Board of Education	1/1/44	6.30	25.20	75.60	226.80	2,721.60	6.30	25.20	75.60	226.80
Approved by the State Board of Education	1/1/45	6.40	25.60	76.80	230.40	2,764.80	6.40	25.60	76.80	230.40
Approved by the State Board of Education	1/1/46	6.50	26.00	78.00	234.00	2,808.00	6.50	26.00	78.00	234.00
Approved by the State Board of Education	1/1/47	6.60	26.40	79.20	237.60	2,851.20	6.60	26.40	79.20	237.60
Approved by the State Board of Education	1/1/48	6.70	26.80	80.40	241.20	2,894.40	6.70	26.80	80.40	241.20
Approved by the State Board of Education	1/1/49	6.80	27.20	81.60	244.80	2,937.60	6.80	27.20	81.60	244.80
Approved by the State Board of Education	1/1/50	6.90	27.60	82.80	248.40	2,980.80	6.90	27.60	82.80	248.40
Approved by the State Board of Education	1/1/51	7.00	28.00	84.00	252.00	3,024.00	7.00	28.00	84.00	252.00
Approved by the State Board of Education	1/1/52	7.10	28.40	85.20	255.60	3,067.20	7.10	28.40	85.20	255.60
Approved by the State Board of Education	1/1/53	7.20	28.80	86.40	259.20	3,110.40	7.20	28.80	86.40	259.20
Approved by the State Board of Education	1/1/54	7.30	29.20	87.60	262.80	3,153.60	7.30	29.20	87.60	262.80
Approved by the State Board of Education	1/1/55	7.40	29.60	88.80	266.40	3,196.80	7.40	29.60	88.80	266.40
Approved by the State Board of Education	1/1/56	7.50	30.00	90.00	270.00	3,240.00	7.50	30.00	90.00	270.00
Approved by the State Board of Education	1/1/57	7.60	30.40	91.20	273.60	3,283.20	7.60	30.40	91.20	273.60
Approved by the State Board of Education	1/1/58	7.70	30.80	92.40	277.20	3,326.40	7.70	30.80	92.40	277.20
Approved by the State Board of Education	1/1/59	7.80	31.20	93.60	280.80	3,369.60	7.80	31.20	93.60	280.80
Approved by the State Board of Education	1/1/60	7.90	31.60	94.80	284.40	3,412.80	7.90	31.60	94.80	284.40
Approved by the State Board of Education	1/1/61	8.00	32.00	96.00	288.00	3,456.00	8.00	32.00	96.00	288.00
Approved by the State Board of Education	1/1/62	8.10	32.40	97.20	291.60	3,499.20	8.10	32.40	97.20	291.60
Approved by the State Board of Education	1/1/63	8.20	32.80	98.40	295.20	3,542.40	8.20	32.80	98.40	295.20
Approved by the State Board of Education	1/1/64	8.30	33.20	99.60	298.80	3,585.60	8.30	33.20	99.60	298.80
Approved by the State Board of Education	1/1/65	8.40	33.60	100.80	302.40	3,628.80	8.40	33.60	100.80	302.40
Approved by the State Board of Education	1/1/66	8.50	34.00	102.00	306.00	3,672.00	8.50	34.00	102.00	306.00
Approved by the State Board of Education	1/1/67	8.60	34.40	103.20	309.60	3,715.20	8.60	34.40	103.20	309.60
Approved by the State Board of Education	1/1/68	8.70	34.80	104.40	313.20	3,758.40	8.70	34.80	104.40	313.20
Approved by the State Board of Education	1/1/69	8.80	35.20	105.60	316.80	3,801.60	8.80	35.20	105.60	316.80
Approved by the State Board of Education	1/1/70	8.90	35.60	106.80	320.40	3,844.80	8.90	35.60	106.80	320.40
Approved by the State Board of Education	1/1/71	9.00	36.00	108.00	324.00	3,888.00	9.00	36.00	108.00	324.00
Approved by the State Board of Education	1/1/72	9.10	36.40	109.20	327.60	3,931.20	9.10	36.40	109.20	327.60
Approved by the State Board of Education	1/1/73	9.20	36.80	110.40	331.20	3,974.40	9.20	36.80	110.40	331.20
Approved by the State Board of Education	1/1/74	9.30	37.20	111.60	334.80	4,017.60	9.30	37.20	111.60	4,017.60
Approved by the State Board of Education	1/1/75	9.40	37.60	112.80	338.40	4,060.80	9.40	37.60	112.80	4,060.80
Approved by the State Board of Education	1/1/76	9.50	38.00	114.00	342.00	4,104.00	9.50	38.00	114.00	4,104.00
Approved by the State Board of Education	1/1/77	9.60	38.40	115.20	345.60	4,147.20	9.60	38.40	115.20	4,147.20
Approved by the State Board of Education	1/1/78	9.70	38.80	116.40	349.20	4,190.40	9.70	38.80	116.40	4,190.40
Approved by the State Board of Education	1/1/79	9.80	39.20	117.60	352.80	4,233.60	9.80	39.20	117.60	4,233.60
Approved by the State Board of Education	1/1/80	9.90	39.60	118.80	356.40	4,276.80	9.90	39.60	118.80	4,276.80
Approved by the State Board of Education	1/1/81	10.00	40.00	120.00	360.00	4,320.00	10.00	40.00	120.00	4,320.00
Approved by the State Board of Education	1/1/82	10.10	40.40	121.20	363.60	4,363.20	10.10	40.40	121.20	4,363.20
Approved by the State Board of Education	1/1/83	10.20	40.80	122.40	367.20	4,406.40	10.20	40.80	122.40	4,406.40
Approved by the State Board of Education	1/1/84	10.30	41.20	123.60	370.80	4,449.60	10.30	41.20	123.60	4,449.60
Approved by the State Board of Education	1/1/85	10.40	41.60	124.80	374.40	4,492.80	10.40	41.60	124.80	4,492.80
Approved by the State Board of Education	1/1/86	10.50	42.00	126.00	378.00	4,536.00	10.50	42.00	126.00	4,536.00
Approved by the State Board of Education	1/1/87	10.60	42.40	127.20	381.60	4,579.20	10.60	42.40	127.20	4,579.20
Approved by the State Board of Education	1/1/88	10.70	42.80	128.40	385.20	4,622.40	10.70	42.80	128.40	4,622.40
Approved by the State Board of Education	1/1/89	10.80	43.20	129.60	388.80	4,665.60	10.80	43.20	129.60	4,665.60
Approved by the State Board of Education	1/1/90	10.90	43.60	130.80	392.40	4,708.80	10.90	43.60	130.80	4,708.80
Approved by the State Board of Education	1/1/91	11.00	44.00	132.00	396.00	4,752.00	11.00	44.00	132.00	4,752.00
Approved by the State Board of Education	1/1/92	11.10	44.40	133.20	399.60	4,795.20	11.10	44.40	133.20	4,795.20
Approved by the State Board of Education	1/1/93	11.20	44.80	134.40	403.20	4,838.40	11.20	44.80	134.40	4,838.40
Approved by the State Board of Education	1/1/94	11.30	45.20	135.60	406.80	4,881.60	11.30	45.20	135.60	4,881.60
Approved by the State Board of Education	1/1/95	11.40	45.60	136.80	410.40	4,924.80	11.40	45.60	136.80	4,924.80
Approved by the State Board of Education	1/1/96	11.50	46.00	138.00	414.00	4,968.00	11.50	46.00	138.00	4,968.00
Approved by the State Board of Education	1/1/97	11.60	46.40	139.20	417.60	5,011.20	11.60	46.40	139.20	5,011.20
Approved by the State Board of Education	1/1/98	11.70	46.80	140.40	421.20	5,054.40	11.70	46.80	140.40	5,05

## BUILDING MATS. & MERCHANTS

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AP 677

ELECTRICITY										
	Wk	Chg	Wk	Chg	Div	Chg	Div	Chg	Last	Ch
1st Int'l 1949-50	100									
1st Int'l 1950-51	100									
1st Int'l 1951-52	100									
1st Int'l 1952-53	100									
1st Int'l 1953-54	100									
1st Int'l 1954-55	100									
1st Int'l 1955-56	100									
1st Int'l 1956-57	100									
1st Int'l 1957-58	100									
1st Int'l 1958-59	100									
1st Int'l 1959-60	100									
1st Int'l 1960-61	100									
1st Int'l 1961-62	100									
1st Int'l 1962-63	100									
1st Int'l 1963-64	100									
1st Int'l 1964-65	100									
1st Int'l 1965-66	100									
1st Int'l 1966-67	100									
1st Int'l 1967-68	100									
1st Int'l 1968-69	100									
1st Int'l 1969-70	100									
1st Int'l 1970-71	100									
1st Int'l 1971-72	100									
1st Int'l 1972-73	100									
1st Int'l 1973-74	100									
1st Int'l 1974-75	100									
1st Int'l 1975-76	100									
1st Int'l 1976-77	100									
1st Int'l 1977-78	100									
1st Int'l 1978-79	100									
1st Int'l 1979-80	100									
1st Int'l 1980-81	100									
1st Int'l 1981-82	100									
1st Int'l 1982-83	100									
1st Int'l 1983-84	100									
1st Int'l 1984-85	100									
1st Int'l 1985-86	100									
1st Int'l 1986-87	100									
1st Int'l 1987-88	100									
1st Int'l 1988-89	100									
1st Int'l 1989-90	100									
1st Int'l 1990-91	100									
1st Int'l 1991-92	100									
1st Int'l 1992-93	100									
1st Int'l 1993-94	100									
1st Int'l 1994-95	100									
1st Int'l 1995-96	100									
1st Int'l 1996-97	100									
1st Int'l 1997-98	100									
1st Int'l 1998-99	100									
1st Int'l 1999-00	100									
1st Int'l 2000-01	100									
1st Int'l 2001-02	100									
1st Int'l 2002-03	100									
1st Int'l 2003-04	100									
1st Int'l 2004-05	100									
1st Int'l 2005-06	100									
1st Int'l 2006-07	100									
1st Int'l 2007-08	100									
1st Int'l 2008-09	100									
1st Int'l 2009-10	100									
1st Int'l 2010-11	100									
1st Int'l 2011-12	100									
1st Int'l 2012-13	100									
1st Int'l 2013-14	100									
1st Int'l 2014-15	100									
1st Int'l 2015-16	100									
1st Int'l 2016-17	100									
1st Int'l 2017-18	100									
1st Int'l 2018-19	100									
1st Int'l 2019-20	100									
1st Int'l 2020-21	100									
1st Int'l 2021-22	100									
1st Int'l 2022-23	100									
1st Int'l 2023-24	100									
1st Int'l 2024-25	100									
1st Int'l 2025-26	100									
1st Int'l 2026-27	100									
1st Int'l 2027-28	100									
1st Int'l 2028-29	100									
1st Int'l 2029-30	100									
1st Int'l 2030-31	100									
1st Int'l 2031-32	100									
1st Int'l 2032-33	100									
1st Int'l 2033-34	100									
1st Int'l 2034-35	100									
1st Int'l 2035-36	100									
1st Int'l 2036-37	100									
1st Int'l 2037-38	100									
1st Int'l 2038-39	100									
1st Int'l 2039-40	100									
1st Int'l 2040-41	100									
1st Int'l 2041-42	100									
1st Int'l 2042-43	100									
1st Int'l 2043-44	100									
1st Int'l 2044-45	100									
1st Int'l 2045-46	100									
1st Int'l 2046-47	100									
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1st Int'l 2050-51	100									
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1st Int'l 2053-54	100									
1st Int'l 2054-55	100									
1st Int'l 2055-56	100									
1st Int'l 2056-57	100									
1st Int'l 2057-58	100									
1st Int'l 2058-59	100									
1st Int'l 2059-60	100									
1st Int'l 2060-61	100									
1st Int'l 2061-62	100									
1st Int'l 2062-63	100									
1st Int'l 2063-64	100									
1st Int'l 2064-65	100									
1st Int'l 2065-66	100									
1st Int'l 2066-67	100									
1st Int'l 2067-68	100									
1st Int'l 2068-69	100									
1st Int'l 2069-70	100									
1st Int'l 2070-71	100									
1st Int'l 2071-72	100									
1st Int'l 2072-73	100									
1st Int'l 2073-74	100									
1st Int'l 2074-75	100									
1st Int'l 2075-76	100									
1st Int'l 2076-77	100									
1st Int'l 2077-78	100									
1st Int'l 2078-79	100									
1st Int'l 2079-80	100									
1st Int'l 2080-81	100									
1st Int'l 2081-82	100									
1st Int'l 2082-83	100									
1st Int'l 2083-84	100									
1st Int'l 2084-85	100									
1st Int'l 2085-86	100									
1st Int'l 2086-87	100									
1st Int'l 2087-88	100									
1st Int'l 2088-89	100									
1st Int'l 2089-90	100									
1st Int'l 2090-91	100									
1st Int'l 2091-92	100									
1st Int'l 2092-93	100									
1st Int'l 2093-94	100									
1st Int'l 2094-95	100									
1st Int'l 2095-96	100									
1st Int'l 2096-97	100									
1st Int'l 2097-98	100									
1st Int'l 2098-99	100									
1st Int'l 2099-00	100									
1st Int'l 2100-01	100									
1st Int'l 2101-02	100									
1st Int'l 2102-03	100									
1st Int'l 2103-04	100									
1st Int'l 2104-05	100									
1st Int'l 2105-06	100									
1st Int'l 2106-07	100									
1st Int'l 2107-08	100									
1st Int'l 2108-09	100									
1st Int'l 2109-10	100									
1st Int'l 2110-11	100									
1st Int'l 2111-12	100									
1st Int'l 2112-13	100									
1st Int'l 2113-14	100									
1st Int'l 2114-15	100									
1st Int'l 2115-16	100									
1st Int'l 2116-17	100									
1st Int'l 2117-18	100									
1st Int'l 2118-19	100									
1st Int'l 2119-20	100									
1st Int'l 2120-21	100									
1st Int'l 2121-22	100									
1st Int'l 2122-23	100									
1st Int'l 2123-24	100									
1st Int'l 2124-25	100									
1st Int'l 2125-26	100									
1st Int'l 2126-27	100									
1st Int'l 2127-28	100									
1st Int'l 2128-29	100									
1st Int'l 2129-30	100									
1st Int'l 2130-31	100									
1st Int'l 2131-32	100									
1st Int'l 2132-33	100									
1st Int'l 2133-34	100									
1st Int'l 2134-35	100									
1st Int'l 2135-36	100									
1st Int'l 2136-37	100									
1st Int'l 2137-38	100									
1st Int										

1990	1.1	1.1	1.1
1991	1.0	1.0	1.5

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From the \_\_\_\_\_

[illegible]

Drayton Park East	100
Drayton Park	100

[illegible][illegible][illegible]

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**Figure 1. Number of cases of**

An international service is available for callers outside the UK, annual subscription £250 stg.  
Call 071-873 4378 (+44 71 873 4378, International) for more information on FT Cityline.



## NEW YORK STOCK EXCHANGE COMPOSITE PRICES

A - 1000 STOCKS										
Symbol	Price	Change	Symbol	Price	Change	Symbol	Price	Change	Symbol	
1000	100.00	0.00	2000	100.00	0.00	3000	100.00	0.00	4000	100.00
1001	100.01	0.01	2001	100.01	0.01	3001	100.01	0.01	4001	100.01
1002	100.02	0.02	2002	100.02	0.02	3002	100.02	0.02	4002	100.02
1003	100.03	0.03	2003	100.03	0.03	3003	100.03	0.03	4003	100.03
1004	100.04	0.04	2004	100.04	0.04	3004	100.04	0.04	4004	100.04
1005	100.05	0.05	2005	100.05	0.05	3005	100.05	0.05	4005	100.05
1006	100.06	0.06	2006	100.06	0.06	3006	100.06	0.06	4006	100.06
1007	100.07	0.07	2007	100.07	0.07	3007	100.07	0.07	4007	100.07
1008	100.08	0.08	2008	100.08	0.08	3008	100.08	0.08	4008	100.08
1009	100.09	0.09	2009	100.09	0.09	3009	100.09	0.09	4009	100.09
1010	100.10	0.10	2010	100.10	0.10	3010	100.10	0.10	4010	100.10
1011	100.11	0.11	2011	100.11	0.11	3011	100.11	0.11	4011	100.11
1012	100.12	0.12	2012	100.12	0.12	3012	100.12	0.12	4012	100.12
1013	100.13	0.13	2013	100.13	0.13	3013	100.13	0.13	4013	100.13
1014	100.14	0.14	2014	100.14	0.14	3014	100.14	0.14	4014	100.14
1015	100.15	0.15	2015	100.15	0.15	3015	100.15	0.15	4015	100.15
1016	100.16	0.16	2016	100.16	0.16	3016	100.16	0.16	4016	100.16
1017	100.17	0.17	2017	100.17	0.17	3017	100.17	0.17	4017	100.17
1018	100.18	0.18	2018	100.18	0.18	3018	100.18	0.18	4018	100.18
1019	100.19	0.19	2019	100.19	0.19	3019	100.19	0.19	4019	100.19
1020	100.20	0.20	2020	100.20	0.20	3020	100.20	0.20	4020	100.20
1021	100.21	0.21	2021	100.21	0.21	3021	100.21	0.21	4021	100.21
1022	100.22	0.22	2022	100.22	0.22	3022	100.22	0.22	4022	100.22
1023	100.23	0.23	2023	100.23	0.23	3023	100.23	0.23	4023	100.23
1024	100.24	0.24	2024	100.24	0.24	3024	100.24	0.24	4024	100.24
1025	100.25	0.25	2025	100.25	0.25	3025	100.25	0.25	4025	100.25
1026	100.26	0.26	2026	100.26	0.26	3026	100.26	0.26	4026	100.26
1027	100.27	0.27	2027	100.27	0.27	3027	100.27	0.27	4027	100.27
1028	100.28	0.28	2028	100.28	0.28	3028	100.28	0.28	4028	100.28
1029	100.29	0.29	2029	100.29	0.29	3029	100.29	0.29	4029	100.29
1030	100.30	0.30	2030	100.30	0.30	3030	100.30	0.30	4030	100.30
1031	100.31	0.31	2031	100.31	0.31	3031	100.31	0.31	4031	100.31
1032	100.32	0.32	2032	100.32	0.32	3032	100.32	0.32	4032	100.32
1033	100.33	0.33	2033	100.33	0.33	3033	100.33	0.33	4033	100.33
1034	100.34	0.34	2034	100.34	0.34	3034	100.34	0.34	4034	100.34
1035	100.35	0.35	2035	100.35	0.35	3035	100.35	0.35	4035	100.35
1036	100.36	0.36	2036	100.36	0.36	3036	100.36	0.36	4036	100.36
1037	100.37	0.37	2037	100.37	0.37	3037	100.37	0.37	4037	100.37
1038	100.38	0.38	2038	100.38	0.38	3038	100.38	0.38	4038	100.38
1039	100.39	0.39	2039	100.39	0.39	3039	100.39	0.39	4039	100.39
1040	100.40	0.40	2040	100.40	0.40	3040	100.40	0.40	4040	100.40
1041	100.41	0.41	2041	100.41	0.41	3041	100.41	0.41	4041	100.41
1042	100.42	0.42	2042	100.42	0.42	3042	100.42	0.42	4042	100.42
1043	100.43	0.43	2043	100.43	0.43	3043	100.43	0.43	4043	100.43
1044	100.44	0.44	2044	100.44	0.44	3044	100.44	0.44	4044	100.44
1045	100.45	0.45	2045	100.45	0.45	3045	100.45	0.45	4045	100.45
1046	100.46	0.46	2046	100.46	0.46	3046	100.46	0.46	4046	100.46
1047	100.47	0.47	2047	100.47	0.47	3047	100.47	0.47	4047	100.47
1048	100.48	0.48	2048	100.48	0.48	3048	100.48	0.48	4048	100.48
1049	100.49	0.49	2049	100.49	0.49	3049	100.49	0.49	4049	100.49
1050	100.50	0.50	2050	100.50	0.50	3050	100.50	0.50	4050	100.50
1051	100.51	0.51	2051	100.51	0.51	3051	100.51	0.51	4051	100.51
1052	100.52	0.52	2052	100.52	0.52	3052	100.52	0.52	4052	100.52
1053	100.53	0.53	2053	100.53	0.53	3053	100.53	0.53	4053	100.53
1054	100.54	0.54	2054	100.54	0.54	3054	100.54	0.54	4054	100.54
1055	100.55	0.55	2055	100.55	0.55	3055	100.55	0.55	4055	100.55
1056	100.56	0.56	2056	100.56	0.56	3056	100.56	0.56	4056	100.56
1057	100.57	0.57	2057	100.57	0.57	3057	100.57	0.57	4057	100.57
1058	100.58	0.58	2058	100.58	0.58	3058	100.58	0.58	4058	100.58
1059	100.59	0.59	2059	100.59	0.59	3059	100.59	0.59	4059	100.59
1060	100.60	0.60	2060	100.60	0.60	3060	100.60	0.60	4060	100.60
1061	100.61	0.61	2061	100.61	0.61	3061	100.61	0.61	4061	100.61
1062	100.62	0.62	2062	100.62	0.62	3062	100.62	0.62	4062	100.62
1063	100.63	0.63	2063	100.63	0.63	3063	100.63	0.63	4063	100.63
1064	100.64	0.64	2064	100.64	0.64	3064	100.64	0.64	4064	100.64
1065	100.65	0.65	2065	100.65	0.65	3065	100.65	0.65	4065	100.65
1066	100.66	0.66	2066	100.66	0.66	3066	100.66	0.66	4066	100.66
1067	100.67	0.67	2067	100.67	0.67	3067	100.67	0.67	4067	100.67
1068	100.68	0.68	2068	100.68	0.68	3068	100.68	0.68	4068	100.68
1069	100.69	0.69	2069	100.69	0.69	3069	100.69	0.69	4069	100.69
1070	100.70	0.70	2070	100.70	0.70	3070	100.70	0.70	4070	100.70
1071	100.71	0.71	2071	100.71	0.71	3071	100.71	0.71	4071	100.71
1072	100.72	0.72	2072	100.72	0.72	3072	100.72	0.72	4072	100.72
1073	100.73	0.73	2073	100.73	0.73	3073	100.73	0.73	4073	100.73
1074	100.74	0.74	2074	100.74	0.74	3074	100.74	0.74	4074	100.74
1075	100.75	0.75	2075	100.75	0.75	3075	100.75	0.75	4075	100.75
1076	100.76	0.76	2076	100.76	0.76	3076	100.76	0.76	4076	100.76
1077	100.77	0.77	2077	100.77	0.77	3077	100.77	0.77	4077	100.77
1078	100.78	0.78	2078	100.78	0.78	3078	100.78	0.78	4078	100.78
1079	100.79	0.79	2079	100.79	0.79	3079	100.79	0.79	4079	100.79
1080	100.80	0.80	2080	100.80	0.80	3080	100.80	0.80	4080	100.80
1081	100.81	0.81	2081	100.81	0.81	3081	100.81	0.81	4081	100.81
1082	100.82	0.82	2082	100.82	0.82	3082	100.82	0.82	4082	100.82
1083	100.83	0.83	2083	100.83	0.83	3083	100.83	0.83	4083	100.83
1084	100.84	0.84	2084	100.84	0.84	3084	100.84	0.84	4084	100.84
1085	100.85	0.85	2085	100.85	0.85	3085	100.85	0.85	4085	100.85
1086	100.86	0.86	2086	100.86	0.86	3086	100.86	0.86	4086	100.86
1087	100.87	0.87	2087	100.87	0.87	3087	100.87	0.87	4087	100.87
1088	100.88	0.88	2088	100.88	0.88	3088	100.88	0.88	4088	100.88
1089	100.89	0.89	2089	100.89	0.89	3089	100.89	0.89	4089	100.89
1090	100.90	0.90	2090	100.90	0.90	3090	100.90	0.90	4090	100.90
1091	100.91	0.91	2091	100.91	0.91	3091	100.91	0.91	4091	100.91
1092	100.92	0.92	2092	100.92	0.92	3092	100.92	0.92	4092	100.92
1093	100.93	0.93	2093	100.93	0.93	3093	100.93	0.93	4093	100.93
1094	100.94	0.94	2094	100.94	0.94	3094	100.94	0.94	4094	100.94
1095	100.95	0.95	2095	100.95	0.95	3095	100.95	0.95	4095	100.95
1096	100.96	0.96	2096	100.96	0.96	3096	100.96	0.96	4096	100.96
1097	100.97	0.97	2097	100.97	0.97	3097	100.97	0.97	4097	100.97
1098	100.98	0.98	2098	100.98	0.98	3098	100.98	0.98	4098	100.98
1099	100.99	0.99	2099	100.99	0.99	3099	100.99	0.99	4099	100.99
1100	101.00	1.00	2100	101.00	1.00	3100	101.00	1.00	4100	101.00
1101	101.01	1.01	2101	101.01	1.01	3101	101.01	1.01	4101	101.01
1102	101.02	1.02	2102	101.02	1.02	3102	101.02	1.02	4102	101.02
1103	101.03	1.03	2103	101.03	1.03	3103	101.03	1.03	4103	101.03
1104	101.04	1.04	2104	101.04	1.04	3104	101.04	1.04	4104	101.04
1105	101.05	1.05	2105	101.05	1.05	3105	101.05	1.05	4105	101.05
1106	101.06	1.06	2106	101.06	1.06	3106	101.06	1.06	41	



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P/E Ratios										Stock										
P/E	10	15	20	25	30	35	40	45	50	Stock	P/E	55	60	65	70	75	80	85	90	95
<b>- K -</b>																				
0.08	8	12	16	20	24	28	32	36	40	Quaker Oats	0.62	8	10	12	14	16				
0.12	12	16	20	24	28	32	36	40	44	Quaker Oats	0.62	8	10	12	14	16				
0.16	16	20	24	28	32	36	40	44	48	Quaker Oats	0.62	8	10	12	14	16				
0.20	20	24	28	32	36	40	44	48	52	Quaker Oats	0.62	8	10	12	14	16				
0.24	24	28	32	36	40	44	48	52	56	Quaker Oats	0.62	8	10	12	14	16				
0.28	28	32	36	40	44	48	52	56	60	Quaker Oats	0.62	8	10	12	14	16				
0.32	32	36	40	44	48	52	56	60	64	Quaker Oats	0.62	8	10	12	14	16				
0.36	36	40	44	48	52	56	60	64	68	Quaker Oats	0.62	8	10	12	14	16				
0.40	40	44	48	52	56	60	64	68	72	Quaker Oats	0.62	8	10	12	14	16				
0.44	44	48	52	56	60	64	68	72	76	Quaker Oats	0.62	8	10	12	14	16				
0.48	48	52	56	60	64	68	72	76	80	Quaker Oats	0.62	8	10	12	14	16				
0.52	52	56	60	64	68	72	76	80	84	Quaker Oats	0.62	8	10	12	14	16				
0.56	56	60	64	68	72	76	80	84	88	Quaker Oats	0.62	8	10	12	14	16				
0.60	60	64	68	72	76	80	84	88	92	Quaker Oats	0.62	8	10	12	14	16				
0.64	64	68	72	76	80	84	88	92	96	Quaker Oats	0.62	8	10	12	14	16				
0.68	68	72	76	80	84	88	92	96	100	Quaker Oats	0.62	8	10	12	14	16				
0.72	72	76	80	84	88	92	96	100	104	Quaker Oats	0.62	8	10	12	14	16				
0.76	76	80	84	88	92	96	100	104	108	Quaker Oats	0.62	8	10	12	14	16				
0.80	80	84	88	92	96	100	104	108	112	Quaker Oats	0.62	8	10	12	14	16				
0.84	84	88	92	96	100	104	108	112	116	Quaker Oats	0.62	8	10	12	14	16				
0.88	88	92	96	100	104	108	112	116	120	Quaker Oats	0.62	8	10	12	14	16				
0.92	92	96	100	104	108	112	116	120	124	Quaker Oats	0.62	8	10	12	14	16				
0.96	96	100	104	108	112	116	120	124	128	Quaker Oats	0.62	8	10	12	14	16				
1.00	100	104	108	112	116	120	124	128	132	Quaker Oats	0.62	8	10	12	14	16				
1.04	104	108	112	116	120	124	128	132	136	Quaker Oats	0.62	8	10	12	14	16				
1.08	108	112	116	120	124	128	132	136	140	Quaker Oats	0.62	8	10	12	14	16				
1.12	112	116	120	124	128	132	136	140	144	Quaker Oats	0.62	8	10	12	14	16				
1.16	116	120	124	128	132	136	140	144	148	Quaker Oats	0.62	8	10	12	14	16				
1.20	120	124	128	132	136	140	144	148	152	Quaker Oats	0.62	8	10	12	14	16				
1.24	124	128	132	136	140	144	148	152	156	Quaker Oats	0.62	8	10	12	14	16				
1.28	128	132	136	140	144	148	152	156	160	Quaker Oats	0.62	8	10	12	14	16				
1.32	132	136	140	144	148	152	156	160	164	Quaker Oats	0.62	8	10	12	14	16				
1.36	136	140	144	148	152	156	160	164	168	Quaker Oats	0.62	8	10	12	14	16				
1.40	140	144	148	152	156	160	164	168	172	Quaker Oats	0.62	8	10	12	14	16				
1.44	144	148	152	156	160	164	168	172	176	Quaker Oats	0.62	8	10	12	14	16				
1.48	148	152	156	160	164	168	172	176	180	Quaker Oats	0.62	8	10	12	14	16				
1.52	152	156	160	164	168	172	176	180	184	Quaker Oats	0.62	8	10	12	14	16				
1.56	156	160	164	168	172	176	180	184	188	Quaker Oats	0.62	8	10	12	14	16				
1.60	160	164	168	172	176	180	184	188	192	Quaker Oats	0.62	8	10	12	14	16				
1.64	164	168	172	176	180	184	188	192	196	Quaker Oats	0.62	8	10	12	14	16				
1.68	168	172	176	180	184	188	192	196	200	Quaker Oats	0.62	8	10	12	14	16				
1.72	172	176	180	184	188	192	196	200	204	Quaker Oats	0.62	8	10	12	14	16				
1.76	176	180	184	188	192	196	200	204	208	Quaker Oats	0.62	8	10	12	14	16				
1.80	180	184	188	192	196	200	204	208	212	Quaker Oats	0.62	8	10	12	14	16				
1.84	184	188	192	196	200	204	208	212	216	Quaker Oats	0.62	8	10	12	14	16				
1.88	188	192	196	200	204	208	212	216	220	Quaker Oats	0.62	8	10	12	14	16				
1.92	192	196	200	204	208	212	216	220	224	Quaker Oats	0.62	8	10	12	14	16				
1.96	196	200	204	208	212	216	220	224	228	Quaker Oats	0.62	8	10	12	14	16				
2.00	200	204	208	212	216	220	224	228	232	Quaker Oats	0.62	8	10	12	14	16				
2.04	204	208	212	216	220	224	228	232	236	Quaker Oats	0.62	8	10	12	14	16				
2.08	208	212	216	220	224	228	232	236	240	Quaker Oats	0.62	8	10	12	14	16				
2.12	212	216	220	224	228	232	236	240	244	Quaker Oats	0.62	8	10	12	14	16				
2.16	216	220	224	228	232	236	240	244	248	Quaker Oats	0.62	8	10	12	14	16				
2.20	220	224	228	232	236	240	244	248	252	Quaker Oats	0.62	8	10	12	14	16				
2.24	224	228	232	236	240	244	248	252	256	Quaker Oats	0.62	8	10	12	14	16				
2.28	228	232	236	240	244	248	252	256	260	Quaker Oats	0.62	8	10	12	14	16				
2.32	232	236	240	244	248	252	256	260	264	Quaker Oats	0.62	8	10	12	14	16				
2.36	236	240	244	248	252	256	260	264	268	Quaker Oats	0.62	8	10	12	14	16				
2.40	240	244	248	252	256	260	264	268	272	Quaker Oats	0.62	8	10	12	14	16				
2.44	244	248	252	256	260	264	268	272	276	Quaker Oats	0.62	8	10	12	14	16				
2.48	248	252	256	260	264	268	272	276	280	Quaker Oats	0.62	8	10	12	14	16				
2.52	252	256	260	264	268	272	276	280	284	Quaker Oats	0.62	8	10	12	14	16				
2.56	256	260	264	268	272	276	280	284	288	Quaker Oats	0.62	8	10	12	14	16				
2.60	260	264	268	272	276	280	284	288	292	Quaker Oats	0.62	8	10	12	14	16				
2.64	264	268	272	276	280	284	288	292	296	Quaker Oats	0.62	8	10	12	14	16				
2.68	268	272	276	280	284	288	292	296	300	Quaker Oats	0.62	8	10	12	14	16				
2.72	272	276	280	284	288	292	296	300	304	Quaker Oats	0.62	8	10	12	14	16				
2.76	276	280	284	288	292	296	300	304	308	Quaker Oats	0.62	8	10	12	14	16				
2.80	280	284	288	292	296	300	304	308	312	Quaker Oats	0.62	8	10	12	14	16				
2.84	284	288	292	296	300	304	308	312	316	Quaker Oats	0.62	8	10	12	14	16				
2.88	288	292	296	300	304	308	312	316	320	Quaker Oats	0.62	8	10	12	14	16				
2.92	292	296	300	304	308	312	316	320	324	Quaker Oats	0.62	8	10	12	14	16				
2.96	296	300	304	308	312	316	320	324	328	Quaker Oats	0.62	8	10	12	14	16				
3.00	300	304	308	312	316	320	324	328	332	Quaker Oats	0.62	8	10	12	14	16				
3.04	304	308	312	316	320	324	328	332	336	Quaker Oats	0.62	8	10	12	14	16				
3.08	308	312	316	320	324	328	332	336	340	Quaker Oats	0.62	8	10	12	14	16				
3.12	312	316	320	324	328	332	336	340	344	Quaker Oats	0.62	8	10	12	14	16				
3.16	316	320	324	328	332	336	340	344	348	Quaker Oats	0.62	8	10	12	14	16				
3.20	320	324	328	332	336	340	344	348	352	Quaker Oats	0.62	8	10	12	14	16				
3.24	324	328	332	336	340	344	348	352	356	Quaker Oats	0.62	8	10	12	14	16				
3.28	328	332	336	340	344	348	352	356	360	Quaker Oats	0.62	8	10	12						

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4 pm close December 2									
	NY	SE	High	Low	Open	Close			
0.10	5177	125	72	125					
0.17	5177	125	72	125					
1.04	5177	125	72	125					
0.01	5177	125	72	125					
0.04	5177	125	72	125					
0.12	5177	125	72	125					
0.10	5177	125	72	125					
0.12	5177	125	72	125					
0.10	5177	125	72	125					
0.12	5177	125	72	125					
0.10	5177	125	72	125					
0.12	5177	125	72	125					
0.10	5177	125	72	125					
0.12	5177	125	72	125					
0.10	5177	125	72	125					
0.12	5177	125	72	125					
0.10	5177	125	72	125					
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0.12	5177	125	72	125					
0.10	5177	125	72	125					
0.12	5177	125	72	125					
0.10	5177	125	72	125					
0.12	5177	125	72	1					

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Corp of Am	29	2002	13	14	12	-	Inconsistent	13	128	1812	1814	1816	-1	Problem	14	14	13	74	814	74	-2							
Gasder B	0.02	10	2789	1814	1816	19	+1							Pictograph	91	870	224	874	22	-6	West Seal	18	635	635	1316	1316	-1	
City Const	1	1171	1	1814	1816	14		Reflected	1,14155	28	212210	212		Phonetic	43	38	1814	1734	1814	+2	Whitex x	1,98	17	743	43	424	43	+4
Coyote Bay	21	125	64	64	64	-1							Pioneers	0.40	18	338	67	404	45	-1	Westsandwich	14	2692	3012	2914	30	+1	

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